

# AKAI

## PJ-417CD-II

### SERVICE

### MANUAL

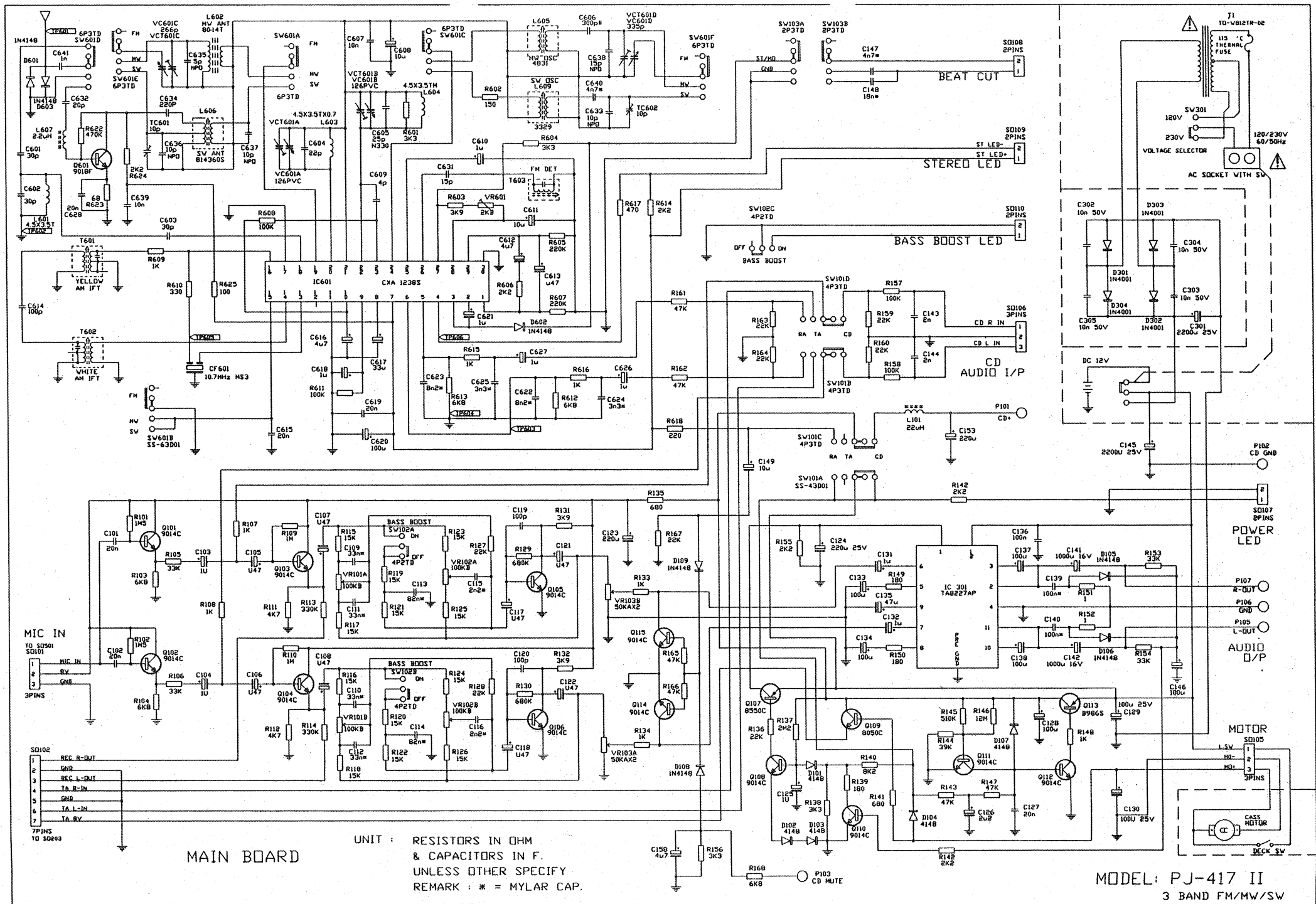
### ALL VERSION

#### CONTENTS :

- # SCHEMATIC DIAGRAM FOR MAIN UNIT
- # WIRING DIAGRAM FOR MAIN UNIT
- # SCHEMATIC DIAGRAM FOR CD MAIN BOARD
- # WIRING DIAGRAM FOR CD MAIN BOARD
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- # DISASSEMBLY DRAWING FOR CD MECHANISM
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- # PART LIST FOR CD MAIN BOARD
- # PART LIST FOR MAIN UNIT



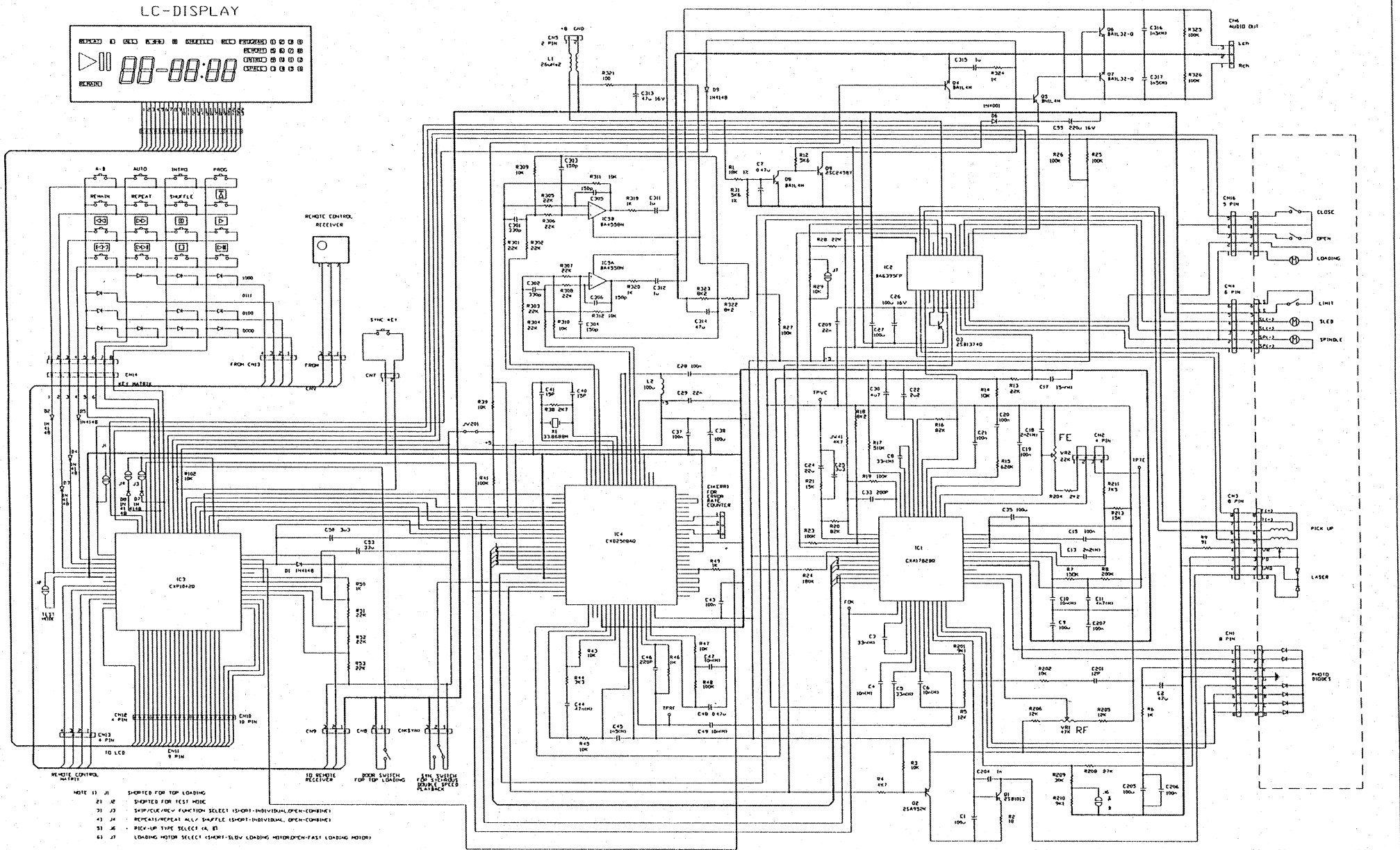
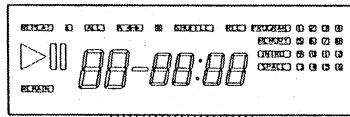








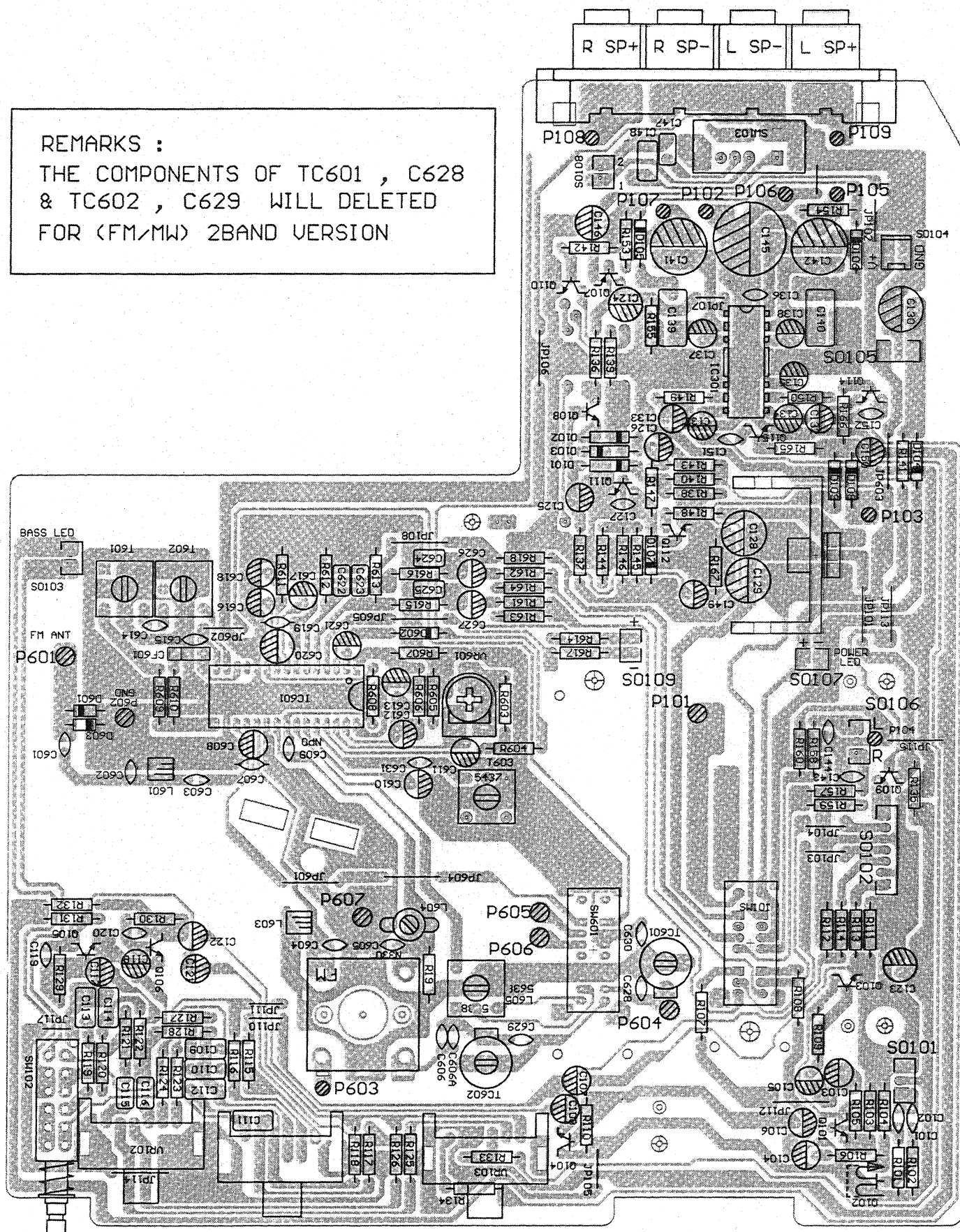
# LC-DISPLAY



- NOTE 1) J1 SHORTED FOR TOP LOADING  
 2) J2 SHORTED FOR TEST MODE  
 3) J3 SHIP/CLIP/NEW FUNCTION SELECT (SHORT-INDIVIDUAL, OPEN-COMBINE)  
 4) J4 REPEAT/REPEAT ALL/ SHUFFLE (SHORT-INDIVIDUAL, OPEN-COMBINE)  
 5) J5 PICK-UP TYPE SELECT (A, B)  
 6) J6 LOADING MOTOR SELECT (SHORT-SLOW LOADING MOTOR/FAST LOADING MOTOR)

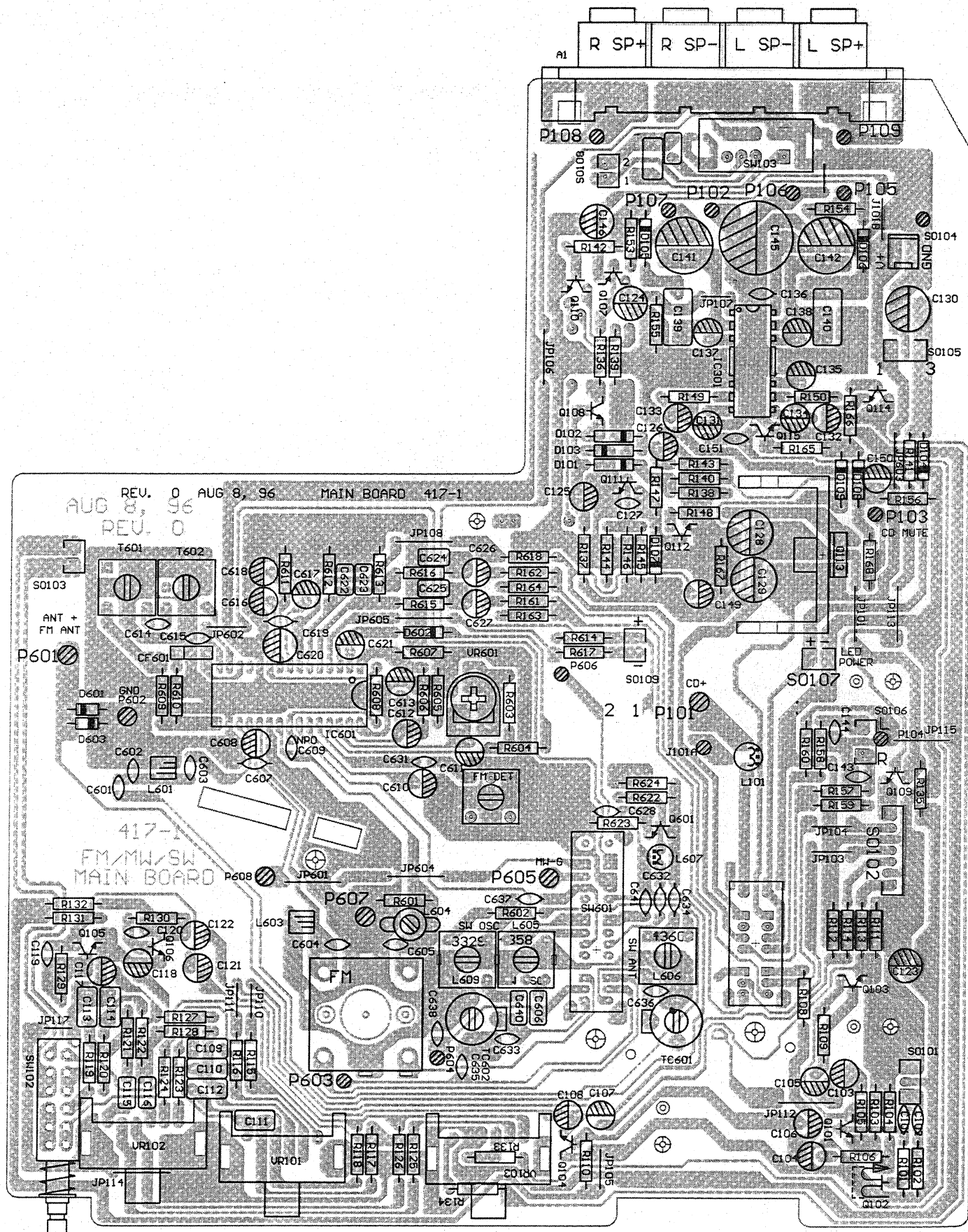
TITLE	DATE	REV.	BY	CHK.	APP.
SCHEMATIC DIAGRAM	17 Sep 96	1	RECEIVED	RECEIVED	RECEIVED

REMARKS :  
THE COMPONENTS OF TC601 , C628  
& TC602 , C629 WILL DELETED  
FOR (FM/MW) 2BAND VERSION



MAIN BOARD

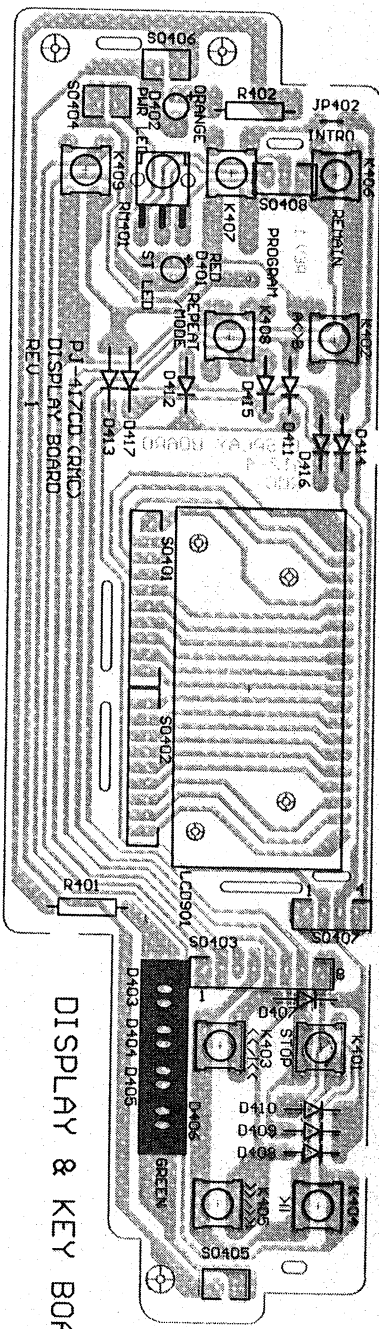
MODEL: PJ-417CD II  
2BAND (FM/MW)  
3BAND (FM/MW/LW)  
20-JUN-1997



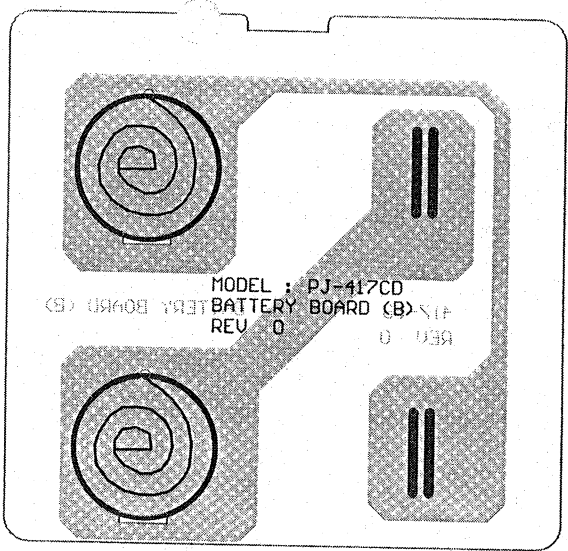
MODEL: PJ-417CD II  
3BAND (FM/MW/SW)

20-JUN-1997

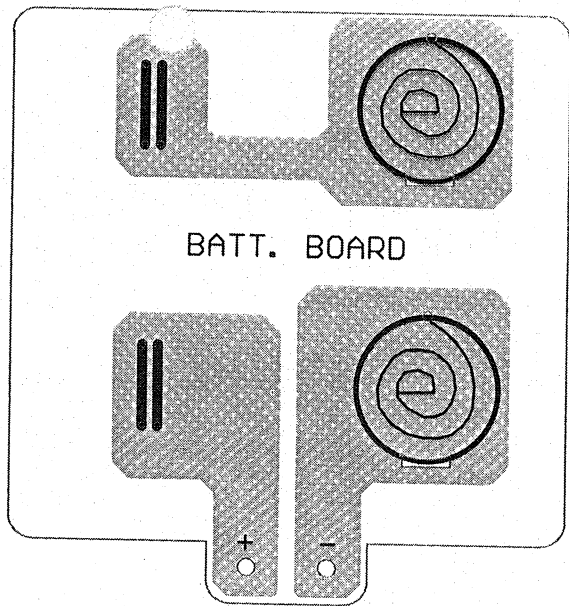




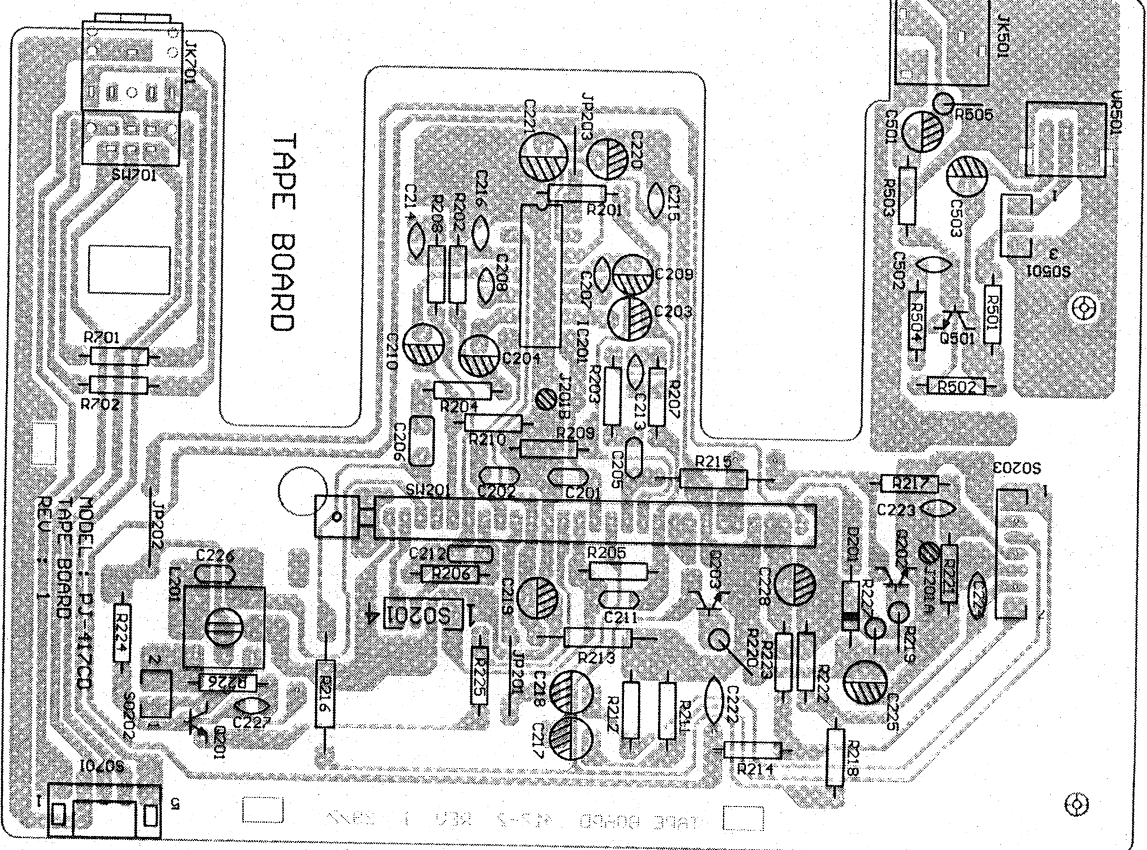
DISPLAY & KEY BOARD



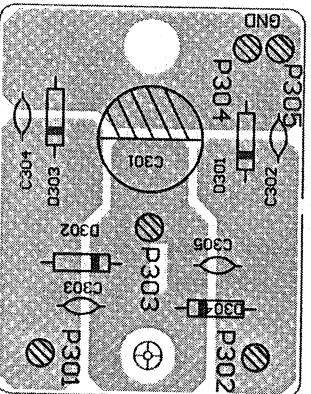
MODEL: PJ-417CD  
BATTERY BOARD (B)  
REV 0



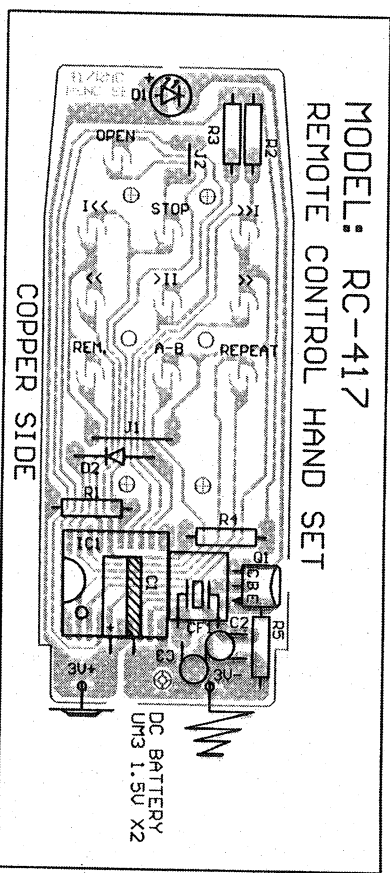
BATT. BOARD



TAPE BOARD



POWER SUPPLY BOARD

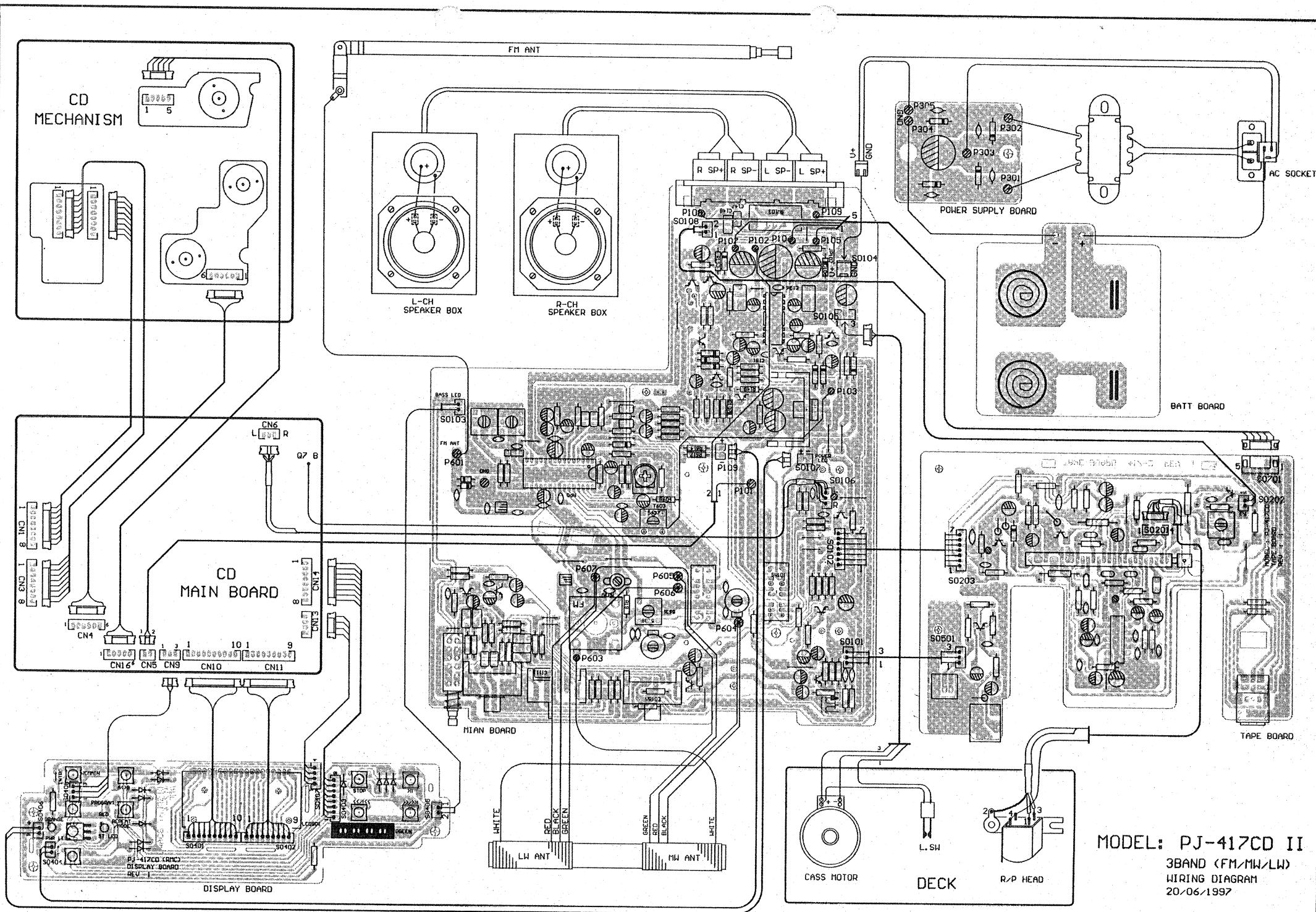


MODEL: RC-417  
REMOTE CONTROL HAND SET

COPPER SIDE

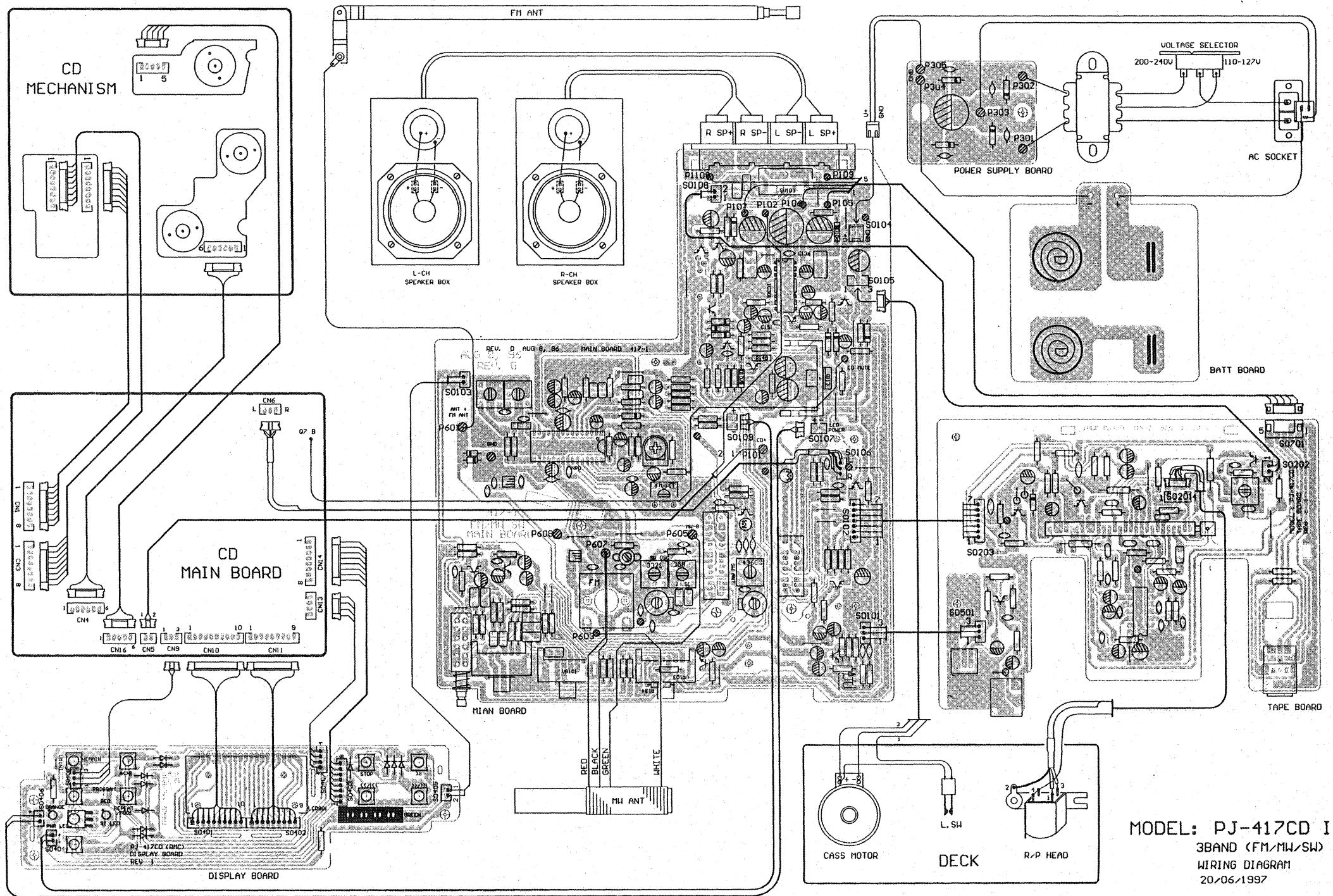
MODEL: PJ-417CD II  
ALL VERSIONS  
20-JUN-1997





**MODEL: PJ-417CD II**  
**3BAND (FM/MW/LW)**  
**WIRING DIAGRAM**  
**20/06/1997**







# ALIGNMENT PROCEDURE

**MODEL NO. : AKAI PJ-417CD II "E,V & Y" VERSIONS**

DATE : 23 Jun. 97

## INSTRUMENTS REQUIRED

1. AM Signal Generator
2. FM Signal Generator
3. FM/AM IF Sweep Generator (10.7 MHz for FM)
4. VTVM
5. Oscilloscope
6. Frequency counter
7. Regulated DC power supply

## GENERAL PREPARATION

1. Check source voltage, DC or AC according to specifications
2. Set function switch to band being aligned
3. Signal input should be kept as low as possible to avoid AGC and AFC function
4. Standard modulation :  

AM 1 KHz 30% mod

FM 1 KHz 22.5 KHz dev

## AM IF ALIGNMENT

STEP	SIGNAL SOURCE ( IF sweep Gen.) CONNECT TO	SET SIGNAL TO	ALIGNMENT INDICATOR (Oscilloscope, VTVM) CONNECT TO	SET RADIO DIAL TO	ADJUST	ADJUST FOR	REMARKS
1	A standard radiation loop	465 KHz	TP (603) Detector output terminal and ground	Quiet Point	T601 & T602	Maximum	Volume control at min. position
2	Repeat step 1 for max. output						

## FM IF ALIGNMENT

SIGNAL SOURCE ( IF Sweep Gen.) CONNECT TO	SET SIGNAL TO	ALIGNMENT INDICATOR (Oscilloscope) CONNECT TO	SET RADIO DIAL TO	ADJUST	ADJUST FOR	REMARKS
TP (605) & (604)	Sweep centered 10.7 MHz	TP ( 603 ) Detector output terminal and ground	Quiet Point	T603	Max. output symmetrical response to obtain 'S' curve linearity, with max. output	Volume control at min. position

# ALIGNMENT PROCEDURE

**MODEL NO. : AKAI PJ-417CD11 "s" VERSIONS**

DATE : 23 Jun. 97

## INSTRUMENTS REQUIRED

## GENERAL PREPARATION

1. AM Signal Generator
2. FM Signal Generator
3. FM/AM IF Sweep Generator (10.7 MHz for FM)
4. VTVM
5. Oscilloscope
6. Frequency counter
7. Regulated DC power supply

1. Check source voltage, DC or AC according to specifications
2. Set function switch to band being aligned
3. Signal input should be kept as low as possible to avoid AGC and AFC function
4. Standard modulation :  

AM 1 KHz 30% mod

FM 1 KHz 22.5 KHz dev

## AM IF ALIGNMENT

STEP	SIGNAL SOURCE ( IF sweep Gen.) CONNECT TO	SET SIGNAL TO	ALIGNMENT INDICATOR (Oscilloscope, VTVM) CONNECT TO	SET RADIO DIAL TO	ADJUST	ADJUST FOR	REMARKS
1	A standard radiation loop	455 KHz	TP (603) Detector output terminal and ground	Quiet Point	T601 & T602	Maximum	Volume control at min. position
2	Repeat step 1 for max. output						

## FM IF ALIGNMENT

SIGNAL SOURCE ( IF Sweep Gen.) CONNECT TO	SET SIGNAL TO	ALIGNMENT INDICATOR (Oscilloscope) CONNECT TO	SET RADIO DIAL TO	ADJUST	ADJUST FOR	REMARKS
TP (605) & (604)	Sweep centered 10.7 MHz	TP ( 603 ) Detector output terminal and ground	Quiet Point	T603	Max. output symmetrical response to obtain 'S' curve linearity, with max. output	Volume control at min. position

# ALIGNMENT PROCEDURE

DATE : 23 Jun. 97

**MODEL NO.: AKAI PJ-417CD11 FOR "E, V & Y" VERSIONS**

## FM RF ALIGNMENT

STEP	SIGNAL SOURCE (FM Signal Gen.) CONNECT TO	SET SIGNAL TO	ALIGNMENT INDICATOR (Oscilloscope, VTVM) CONNECT TO	SET RADIO DIAL TO	ADJUST	ADJUST FOR	REMARKS
1	TP (601 & 602 ) through matching network if necessary	87.35 MHz (modulated)	Terminals across speaker voice coil	(Lowest end)	L604 (Osc. coil) stretch or squeeze	Maximum	Volume control at max. position
2		108.25 MHz (modulated)		(Highest end)	VCT 601 B (Osc. trimmer)		
3		90 MHz (modulated)		90 MHz	L603 (RF coil) stretch or squeeze		
4		106 MHz (modulated)		106 MHz	VCT 601 A (RF trimmer)		
5	Repeat steps 3 and 4 as necessary to minimize tracking error and also steps 1 and 2 if necessary						

## FM MPX ALIGNMENT

SIGNAL SOURCE	SET SIGNAL TO	ALIGNMENT INDICATOR (Frequency Counter) CONNECT TO	SET RADIO DIAL TO	ADJUST	ADJUST FOR	REMARKS
No signal	Quite point	IC 601 Pin 4 to ground, Through a resistor (value = 100K or more depends on the sensitivity of the frequency counter)	Quiet point	VR 601 Semi fix resistor	76 KHz	IC 601 Pin 1 & Pin 29 shorted circuit

## AM RF ALIGNMENT

STEP	SIGNAL SOURCE (AM Signal Gen.) CONNECT TO	SET SIGNAL TO	ALIGNMENT INDICATOR (Oscilloscope, VTVM) CONNECT TO	SET RADIO DIAL TO	ADJUST	ADJUST FOR	REMARKS
1	A standard radiation loop ant.	515 KHz (modulated)	Across speaker voice coil	(Lowest end)	L605 (Osc. coil)	Maximum	Volume control at max. position
2		1630 KHz (modulated)		(Highest end)	VCT 601 C (Osc. trimmer)		
3		600 (modulated)		600 KHz	L 602 (ant. coil)		
4		1400 (modulated)		1400 KHz	VCT 601 D (ant. trimmer)		
5	Repeat steps 3 and 4 as necessary to minimize tracking error and also steps 1 and 2 if necessary						

## ALIGNMENT PROCEDURE

**MODEL NO. : AKAI PJ-417CD11 FOR "E" VERSION ONLY**

DATE : 23 Jun. 97

### **LW RF ALIGNMENT**

STEP	SIGNAL SOURCE (LW Signal Gen.) CONNECT TO	SET SIGNAL TO	ALIGNMENT INDICATOR (Oscilloscope, VTVM) CONNECT TO	SET RADIO DIAL TO	ADJUST	ADJUST FOR	REMARKS
1	A standard radiation loop ant.	145 KHz (modulated)	Terminals across speaker voice coil	(Lowest end)	( NA ) (Osc. coil)	Maximum	Volume control at max. position
2		292 KHz (modulated)		(Highest end)	TC 602 (Osc. trimmer)		
3		160 KHz (modulated)		160 KHz (ant. coil)			
4		260 KHz (modulated)		260 HKz (ant. trimmer)			
5	Repeat steps 3 and 4 as necessary to minimize tracking error and also steps 1 and 2 if necessary						

**MODEL NO. : AKAI PJ-417CD11 "Y" VERSION ONLY**

### **SW RF ALIGNMENT**

STEP	SIGNAL SOURCE (SW Signal Gen.) CONNECT TO	SET SIGNAL TO	ALIGNMENT INDICATOR (Oscilloscope, VTVM) CONNECT TO	SET RADIO DIAL TO	ADJUST	ADJUST FOR	REMARKS
1	TP ( 601 & 602 ) via capacitor of 10 pf. through matching network if necessary	5.8 MHz (modulated)	Terminals across speaker voice coil	(Lowest end)	L 609 (Osc. coil)	Maximum	Volume control at max. position
2		18.5 MHz (modulated)		(Highest end)	TC 602 (Osc. trimmer)		
3		7 MHz (modulated)		7 MHz	L 606 (Ant. coil)		
4		17 MHz (modulated)		17 MHz	TC 601 (Ant. trimmer)		
5	SW band tracking needs precise alignment to achieve best possible sensitivity. So repeat steps 3 and 4 at least 2 times, if necessary also repeat steps 1 and 2						

# ALIGNMENT PROCEDURE

MODEL No. : AKAI PJ-417CD II FOR ALL VERSIONS

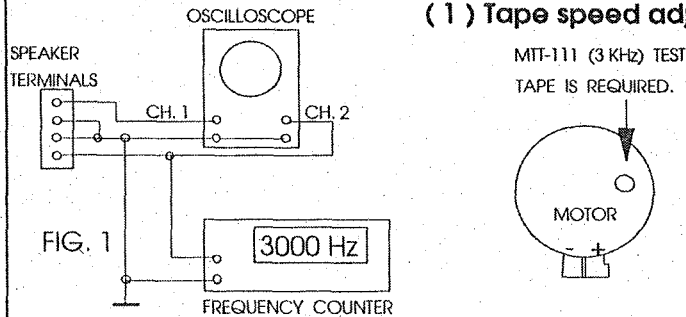
DATE : 23 Jun. 97

**GENERAL PREPARATION** - 1) Check source voltage, DC or AC according to specifications .

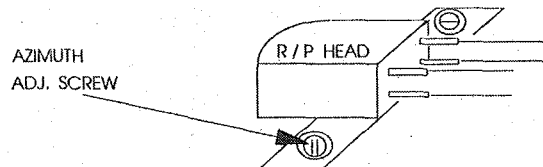
2) Set function switch to Tape being aligned .

## A) MEASURING INSTRUMENTS REQUIRED FOR TAPE SPEED AND HEAD AZIMUTH ADJUSTMENT.

### (1) Tape speed adjust

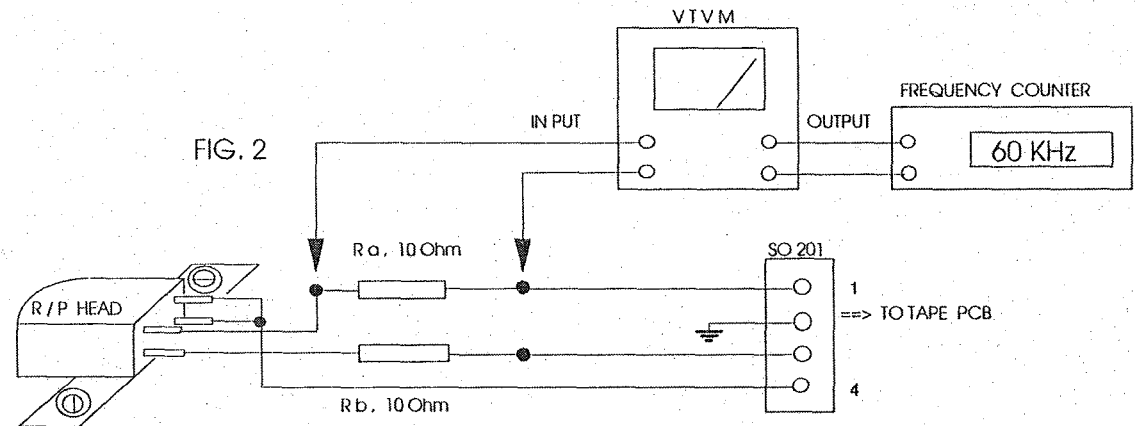


### (2) HEAD AZIMUTH ADJUSTMENT .



- 2.1 - Connect the equipments as shown in the Fig. 1.  
(The Both Speakers loading Are Required)
- 2.2 - Insert a test tape ( 8 KHz : MTT-113CN ) into deck.
- 2.3 - Press PLAY and set VOLUME at reference output.
- 2.4 - Adjust the azimuth adjustment screw for the max.  
& balance ch. output on both ch. of oscilloscope.
- 2.5 - Secure above screw with glue after adj. completed.

## B) EQUIPMENTS REQUESTED FOR AC BIAS FREQUENCY / CURRENT ADJUSTMENT :



### AC BIAS FREQUENCY ALIGNMENT :

Note :The test unit should be keep in recording mode and added two resistors Ra & Rb as shown in the Fig. 2 before alignment. be sure to delete the both resistors Ra & Rb after alignment completed.

Test Point	Adjust	Frequency at Beat 0	Frequency Observe at		Observe		
			Beat 1	Beat 2	Beat 0	Beat 1	Beat 2
Resistor Ra or Rb	L 202	63 KHz $\pm$ 1K	60 KHz $\pm$ 1K	54 KHz $\pm$ 1K			

# ALIGNMENT PROCEDURE

MODEL NO. : AKAI PJ - 417CD II FOR ALL VERSIONS

DATE : 23 Jun. 97  
REVISION :

## 1) APPLICABLE UNIT :

MODEL PJ - 417CD USING PCB -21-BCMA AS THE CD PCB.  
SERIAL No.                      up to                      (to be advised later).

## 2) INSTRUMENTS REQUIRED :

- |   |                                     |
|---|-------------------------------------|
| 1. OSCILLOSCOPE (Bandwidth 40 MHz or better). | 2. HIGH FREQUENCY COUNTER.          |
| 3. REGULATED POWER SUPPLY.                    | 4. DUAL CHANNEL AC MILLIVOLT METER. |
| 5. AUDIO FREQ. SIGNAL GENERATOR.              | 6. SONY TEST CD TYPE 4 No. YEDS 18. |
| 7. TE and FE TEST BOX (See FIG. 4).           |                                     |

## 3) GENERAL PREPARATIONS :

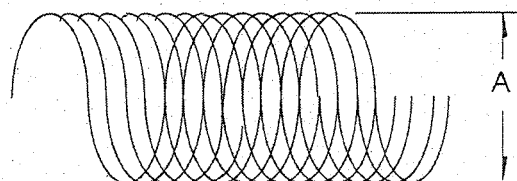
- 3.1 - Connect the CD DRIVE UNIT (KSL -212 BCM) to the connector CN1, CN3, CN4 and CN16 on the PCB -21-BCMA.
- 3.2 - Connect the display & key board to the connector CN9, CN10, CN11, CN13, and CN14 on PCB -21-BCMA.
- 3.3 - Connect a  $8V \pm 0.5V$  DC regulated voltage to CN5 of PCB -21-BCMA.
- 3.4 - Make sure that the negative terminal of the power supply, the GND terminal of AF Signal Generator, the GND terminal of the Dual CH. Millivolt Meter and Oscilloscope are not common, and all these equipments must be using the same phase from the AC mains supply.

## 4) RF LEVEL ADJUSTMENT :

- 4.1 - Connect the probe of the oscilloscope to Test Point RF and the probe's GND to the Test Point VC.
- 4.2 - Insert a SONY test CD YEDS 18 and play the track number 2.
- 4.3 - Adjust the semi-fixed VR 1 on PCB -21-BCMA to optimize the RF waveform until maximum amplitude and clearest waveform is obtained.
- 4.4 - Remove the Test Probe of the Oscilloscope when alignment of RF has completed.

After adjusted  $A = 1.0V \pm 0.2V$  p - p .

FIG. 1



## 5) EF BALANCE (IT IS AUTO - ALIGNMENT, THE FOLLOWING STEPS ARE ONLY FOR YOUR MONITORING IF NECESSARY) :

- 5.1 - Pre-set the BEAM of the Oscilloscope to the center of the screen and set the input coupling to DC position.
- 5.2 - Connect the probe of the Oscilloscope to Test Point TE and the probe's GND to Test Point VC. Then play a SONY test CD YEDS 18.
- 5.3 - Observe the pattern on the oscilloscope while pressing the control >> or << key.
- 5.4 - The symmetrical wave height (A almost equal B) as shown in FIG. 2.
- 5.5 - Remove the Test Probe of the Oscilloscope after completed this item.

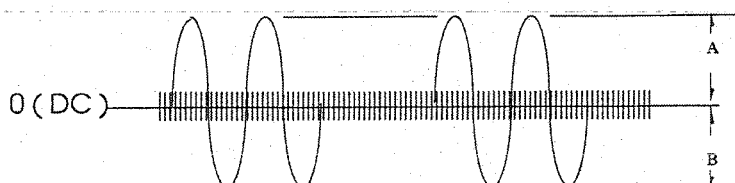


FIG. 2

## ALIGNMENT PROCEDURE

MODEL NO. : AKAI PJ - 417CD II FOR ALL VERSIONS

DATE : 23 Jun. 97  
REVISION :

### 6) FE FOCUS SERVO GAIN ADJUSTMENT :

- 6.1 - Set the output of the AF Signal Generator to 1KHz, 50 mV (RMS).
- 6.2 - Set the Dual Channel AC Millivolt Meter to the range of 100 mV full scale.
- 6.3 - Connect the Dual Channel AC Millivolt Meter and the AF Signal Generator to the TE and FE TEST BOX.
- 6.4 - Take off the shorting plug in connector CN2, the complete test circuit is as shown in FIG. 4.
- 6.5 - Insert a SONY test CD YEDS 18. And set the switch of TEST BOX to "FE" position.
- 6.6 - When the disk is in STOP mode, the reading of the dual channel AC Millivolt Meter should be around 50 mV at CH. 1 and around 2.8 mV at CH. 2.
- 6.7 - Play the track number 2 of the test CD, CH. 1 of the Millivolt Meter should give a reading large than in STOP mode.
- 6.8 - Adjust **VR 2** on the PCB-21-BCMA until the reading of CH. 2 is 0.6 to 1 db higher than the reading of CH.1 as shown in FIG. 3.
- 6.9 - Remove the 4 pin plug of TEST BOX from CN 2 on PCB-21 - BCMA and replace the original shorting plug. The PCB-21 - BCMA is adjustment completed.

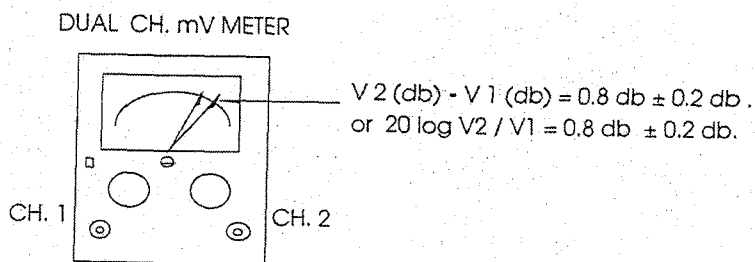


FIG. 3

### 7) TE TRACKING SERVO GAIN : (IT IS ALSO AUTO - ALIGNMENT).

# ALIGNMENT PROCEDURE

MODEL NO.: AKAI PJ - 417CD11 FOR ALL VERSIONS

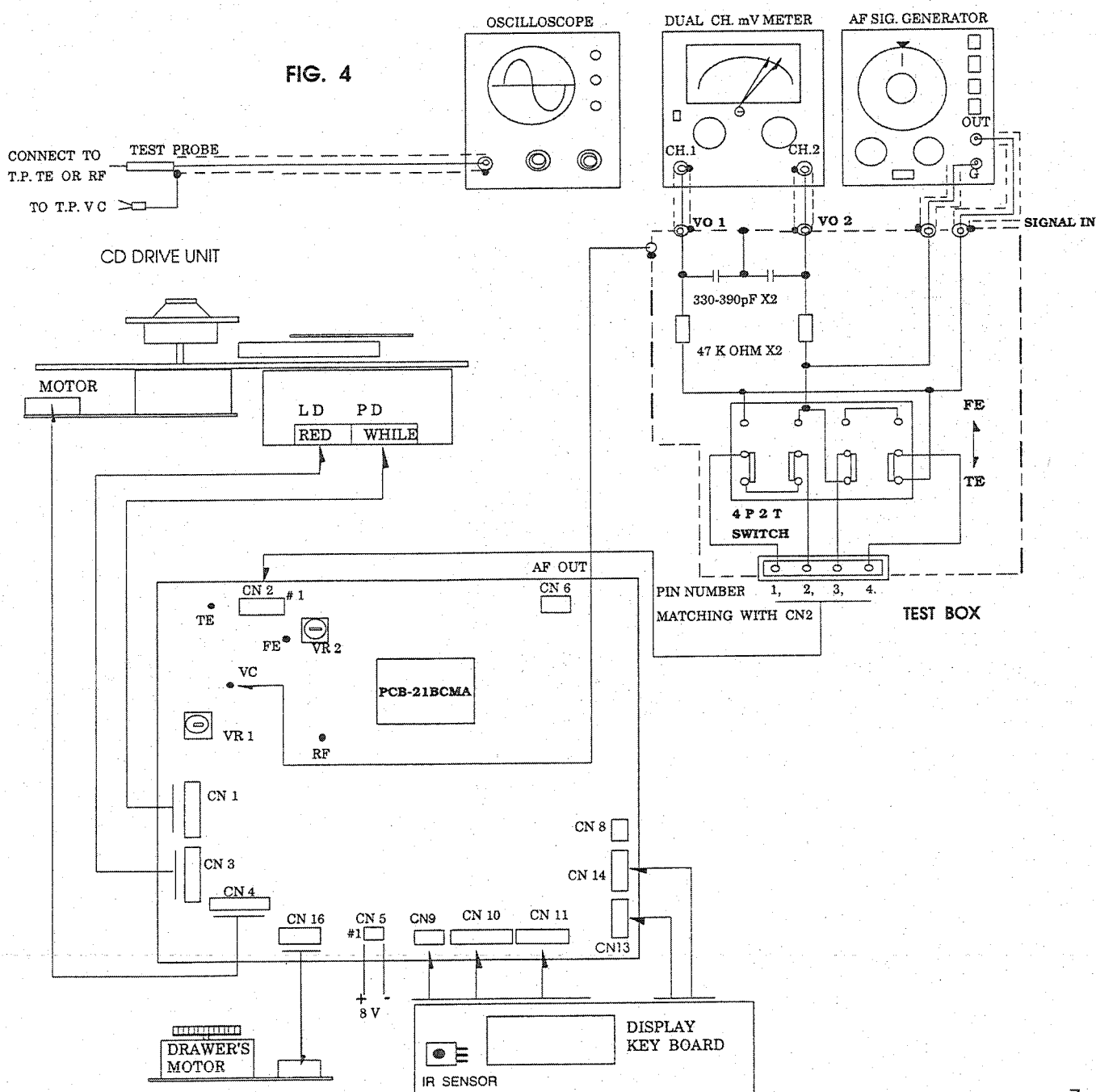
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REVISION :

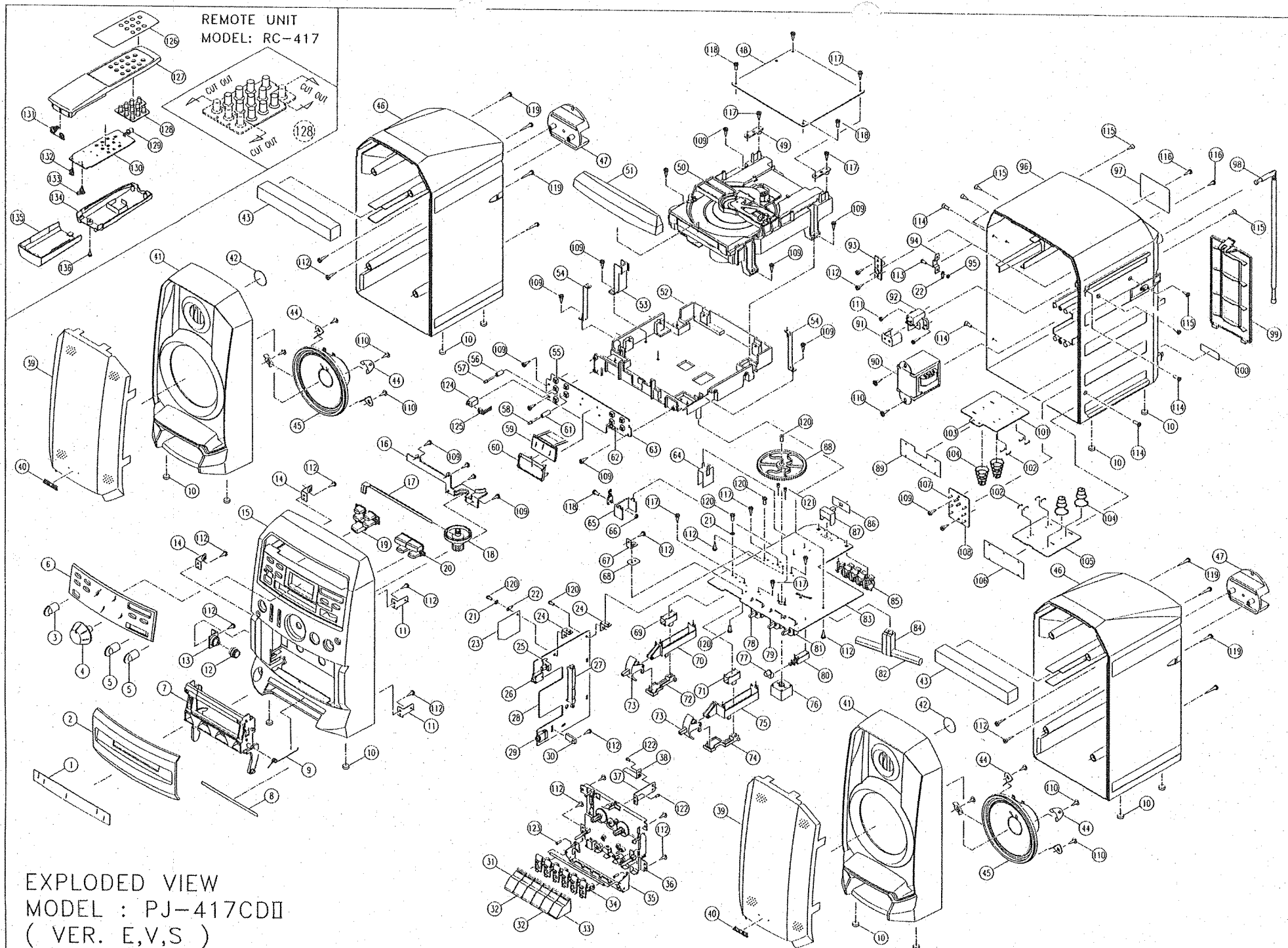
The complete test circuit is as shown in FIG. 4.

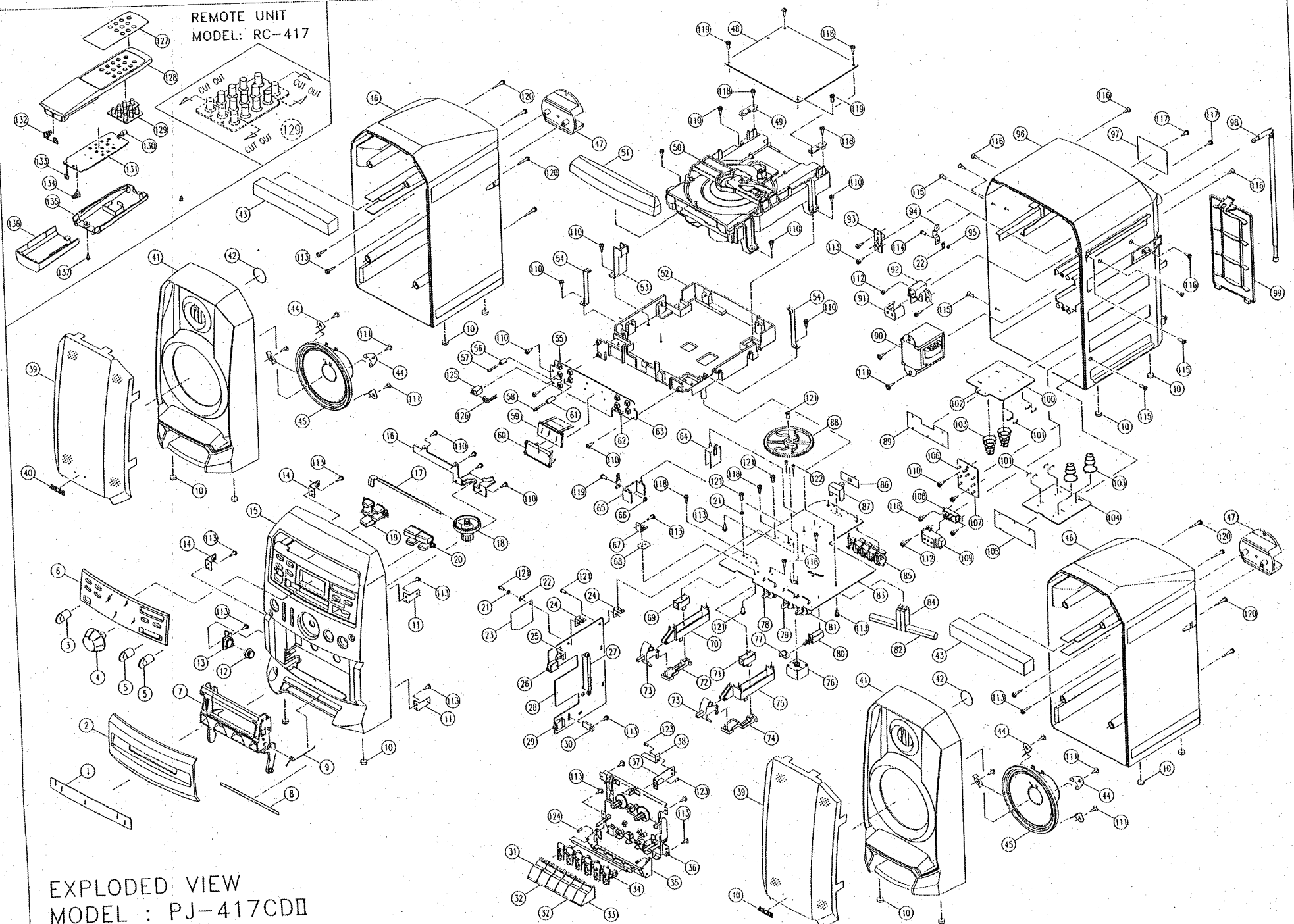
Note: The shielding cable between the TEST BOX, the Millivolt Meter and the AF Signal Generator should be as short as possible.

The values of the two resistors & capacitors of the Test Box must be identical.









NO.	DESCRIPTION
1.	CASSETTE DOOR LENS
2.	CASSETTE DOOR
3.	ROTARY KNOB - MIC MIXING
4.	VOLUME KNOB
5.	ROTARY KNOB - BASS/TREBLE
6.	DIAL LENS
7.	CASSETTE DOOR BRACKET
8.	FUNCTION INLAY
9.	CASSETTE DOOR SPRING
10.	RUBBER FOOT
11.	CABINET MOUNTING BRACKET - RIGHT
12.	PINION
13.	HOUSING - PINION
14.	CABINET MOUNTING BRACKET - LEFT
15.	FRONT PANEL
16.	TUNING BRACKET
17.	POINTER
18.	TUNING KNOB
19.	CD CONTROL KNOB ( A )
20.	CD CONTROL KNOB ( B )
21.	INTERNAL TOOTH WASHER - M 2.6
22.	SOLDER LUG
23.	SHIELDING PAPER
24.	DECK PCB MOUNTING BRACKET
25.	VARIABLE RESISTANCE - MIC MIXING
26.	JACK - MIC
27.	PUSH SWITCH - RECORDING
28.	TAPE P.C BOARD
29.	JACK - PHONE
30.	STOPPER - JACK
31.	CASSETTE KNOB - " A "
32.	CASSETTE KNOB - " B "
33.	CASSETTE KNOB - " C "
34.	CASSETTE ADAPTOR - CASSETTE KNOB
35.	MOUNTING BRACKET - CASSETTE ADAPTOR
36.	DECK MECHANISM
37.	RECORDING BRACKET
38.	RECORDING SPRING PLATE
39.	SPEAKER GRILLE
40.	AKAI LOGO BADGE

NO.	DESCRIPTION
41.	SPEAKER PANEL
42.	BUZZER
43.	WOOD PIECE
44.	SPEAKER CLIP
45.	SPEAKER
46.	SPEAKER BACK CABINET
47.	SPEAKER BACK COVER
48.	PCB ASSY FOR CD
49.	CD P.C.B. MOUNTING ( A )
50.	CD MECHANISM
51.	CD DOOR COVER
52.	CD BRACKET
53.	CD WIRE HOLDER
54.	CD P.C.B. MOUNTING BRACKET ( B )
55.	TACT SWITCH
56.	LED HOLDER - OPE./BATT.
57.	L.E.D. - ORANGE
58.	L.E.D. - RED
59.	LCD DISPLAY FOR CD
60.	LCD BRACKET
61.	L.E.D. HOLDER - FM STEREO
62.	L.E.D. - GREEN
63.	DISPLAY P.C.B.
64.	HEAT SINK - I.C.
65.	HEAT SINK - TRANSISTOR
66.	NUT - M3
67.	MAIN BOARD MOUNTING BRACKET
68.	DIAL BRACKET COVER - SHORT
69.	SLIDE SWITCH - FUNCTION
70.	FUNCTION KNOB BRACKET
71.	SLIDE SWITCH - BAND
72.	FUNCTION KNOB ADAPTOR
73.	FUNCTION KNOB/BAND KNOB
74.	BAND KNOB ADAPTOR
75.	BAND KNOB BRACKET
76.	PVC
77.	SUPER BASS KNOB
78.	VARIABLE RESISTANCE - VOLUME
79.	VARIABLE RESISTANCE - BASS
80.	PUSH SWITCH - SUPER BASS

NO.	DESCRIPTION
81.	VARIABLE RESISTANCE - TREBLE
82.	FERRITE BAR
83.	MAIN BOARD
84.	BAR HOLDER
85.	SPEAKER PUSH TERMINAL
86.	SLIDE SWITCH PLATE
87.	SLIDE SWITCH - BEAT CUT
88.	DIAL DRUM
89.	BATTERY COVER - " A "
90.	TRANSFORMER
91.	AC SOCKET COVER
92.	AC SOCKET
93.	ANTENNA MOUNTING BRACKET
94.	ANTENNA MOUNTING PLATE
95.	NUT - M 2.6
96.	BACK CABINET
97.	BACK PLATE
98.	ROD ANTENNA
99.	BATTERY DOOR
100.	VOLTAGE SWITCH HOLE COVER
101.	BATTERY P.C.B. - " A "
102.	PCB MOUNT +VE WIRE
103.	EYELET - BATTERY P.C.B. " A "
104.	PCB MOUNT SPRING
105.	BATTERY P.C.B. - " B "
106.	BATTERY COVER - " B "
107.	EYELET - RECTIFIER BOARD
108.	RECTIFIER BOARD
109.	3 X 8 ST/BH
110.	3 X 10 ST/WH
111.	3 X 10 ST/PH
112.	3 X 10 ST/BH
113.	M 2.6 X 4 PH
114.	M 3 X 8 KH - BLACK
115.	3 X 10 ST/KH - BLACK
116.	3 X 10 ST/BH - BLACK
117.	3 X 8 ST/PH
118.	M 3 X 8 BH
119.	3 X 16 ST/BH
120.	M 2.6 X 5 BH

NO.	DESCRIPTION
121.	M 2.6 X 4 KH
122.	M 2 X 3 PH/TITE
123.	M 2 X 7 PH/TITE
124.	REMOTE SENSOR HOLDER
125.	REMOTE SENSOR

#### REMOTE UNIT

126.	REMOTE INLAY
127.	FRONT CABINET - REMOTE
128.	RUBBER PAD - REMOTE
129.	IR EMITTER
130.	MAIN P.C.B. - REMOTE
131.	REMOTE BATTERY SPRING - COMMON
132.	REMOTE BATTERY SPRING - { + }
133.	REMOTE BATTERY SPRING - { - }
134.	BACK CABINET - REMOTE
135.	BATTERY DOOR - REMOTE
136.	2.6 X 6 ST/PH

LIST OF EXPLODED VIEW  
MODEL : PJ-417CDII  
( VER. E,V,S )

NO.	DESCRIPTION
1.	CASSETTE DOOR LENS
2.	CASSETTE DOOR
3.	ROTARY KNOB - MIC MIXING
4.	VOLUME KNOB
5.	ROTARY KNOB - BASS/TREBLE
6.	DIAL LENS
7.	CASSETTE DOOR BRACKET
8.	FUNCTION INLAY
9.	CASSETTE DOOR SPRING
10.	RUBBER FOOT
11.	CABINET MOUNTING BRACKET - RIGHT
12.	PINION
13.	HOUSING - PINION
14.	CABINET MOUNTING BRACKET - LEFT
15.	FRONT PANEL
16.	TUNING BRACKET
17.	POINTER
18.	TUNING KNOB
19.	CD CONTROL KNOB ( A )
20.	CD CONTROL KNOB ( B )
21.	INTERNAL TOOTH WASHER - M 2.6
22.	SOLDER LUG
23.	SHIELDING PAPER
24.	DECK PCB MOUNTING BRACKET
25.	VARIABLE RESISTANCE - MIC MIXING
26.	JACK - MIC
27.	PUSH SWITCH - RECORDING
28.	TAPE P.C BOARD
29.	JACK - PHONE
30.	STOPPER - JACK
31.	CASSETTE KNOB - " A "
32.	CASSETTE KNOB - " B "
33.	CASSETTE KNOB - " C "
34.	CASSETTE ADAPTOR - CASSETTE KNOB
35.	MOUNTING BRACKET - CASSETTE ADAPTOR
36.	DECK MECHANISM
37.	RECORDING BRACKET
38.	RECORDING SPRING PLATE
39.	SPEAKER GRILLE
40.	AKAI LOGO BADGE

NO.	DESCRIPTION
41.	SPEAKER PANEL
42.	BUZZER
43.	WOOD PIECE
44.	SPEAKER CLIP
45.	SPEAKER
46.	SPEAKER BACK CABINET
47.	SPEAKER BACK COVER
48.	PCB ASSY FOR CD
49.	CD P.C.B. MOUNTING ( A )
50.	CD MECHANISM
51.	CD DOOR COVER
52.	CD BRACKET
53.	CD WIRE HOLDER
54.	CD P.C.B. MOUNTING BRACKET ( B )
55.	TACT SWITCH
56.	LED HOLDER - OPE./BATT.
57.	L.E.D. - ORANGE
58.	L.E.D. - RED
59.	LCD DISPLAY FOR CD
60.	LCD BRACKET
61.	L.E.D. HOLDER - FM STEREO
62.	L.E.D. - GREEN
63.	DISPLAY P.C.B.
64.	HEAT SINK - I.C.
65.	HEAT SINK - TRANSISTOR
66.	NUT - M3
67.	MAIN BOARD MOUNTING BRACKET
68.	IDIAL BRACKET COVER - SHORT
69.	SLIDE SWITCH - FUNCTION
70.	FUNCTION KNOB BRACKET
71.	SLIDE SWITCH - BAND
72.	FUNCTION KNOB ADAPTOR
73.	FUNCTION KNOB/BAND KNOB
74.	BAND KNOB ADAPTOR
75.	BAND KNOB BRACKET
76.	PVC
77.	SUPER BASS KNOB
78.	VARIABLE RESISTANCE - VOLUME
79.	VARIABLE RESISTANCE - BASS
80.	PUSH SWITCH - SUPER BASS

NO.	DESCRIPTION
81.	VARIABLE RESISTANCE - TREBLE
82.	FERRITE BAR
83.	MAIN BOARD
84.	BAR HOLDER
85.	SPEAKER PUSH TERMINAL
86.	SLIDE SWITCH PLATE
87.	SLIDE SWITCH - BEAT CUT
88.	DIAL DRUM
89.	BATTERY COVER - " A "
90.	TRANSFORMER
91.	AC SOCKET COVER
92.	AC SOCKET
93.	ANTENNA MOUNTING BRACKET
94.	ANTENNA MOUNTING PLATE
95.	NUT - M 2.6
96.	BACK CABINET
97.	BACK PLATE
98.	ROD ANTENNA
99.	BATTERY DOOR
100.	BATTERY P.C.B. - " A "
101.	PCB MOUNT +VE WIRE
102.	EYELET - BATTERY P.C.B. " A "
103.	PCB MOUNT SPRING
104.	BATTERY P.C.B. - " B "
105.	BATTERY COVER - " B "
106.	EYELET - RECTIFIER BOARD
107.	RECTIFIER BOARD
108.	VOLTAGER SELECTOR
109.	COVER - VOLTAGER SELECTOR
110.	3 X 8 ST/BH
111.	3 X 10 ST/WH
112.	3 X 10 ST/PH
113.	3 X 10 ST/BH
114.	M 2.6 X 4 PH
115.	M 3 X 8 KH - BLACK
116.	3 X 10 ST/KH - BLACK
117.	3 X 10 ST/BH - BLACK
118.	3 X 8 ST/PH
119.	M 3 X 8 BH
120.	3 X 16 ST/BH

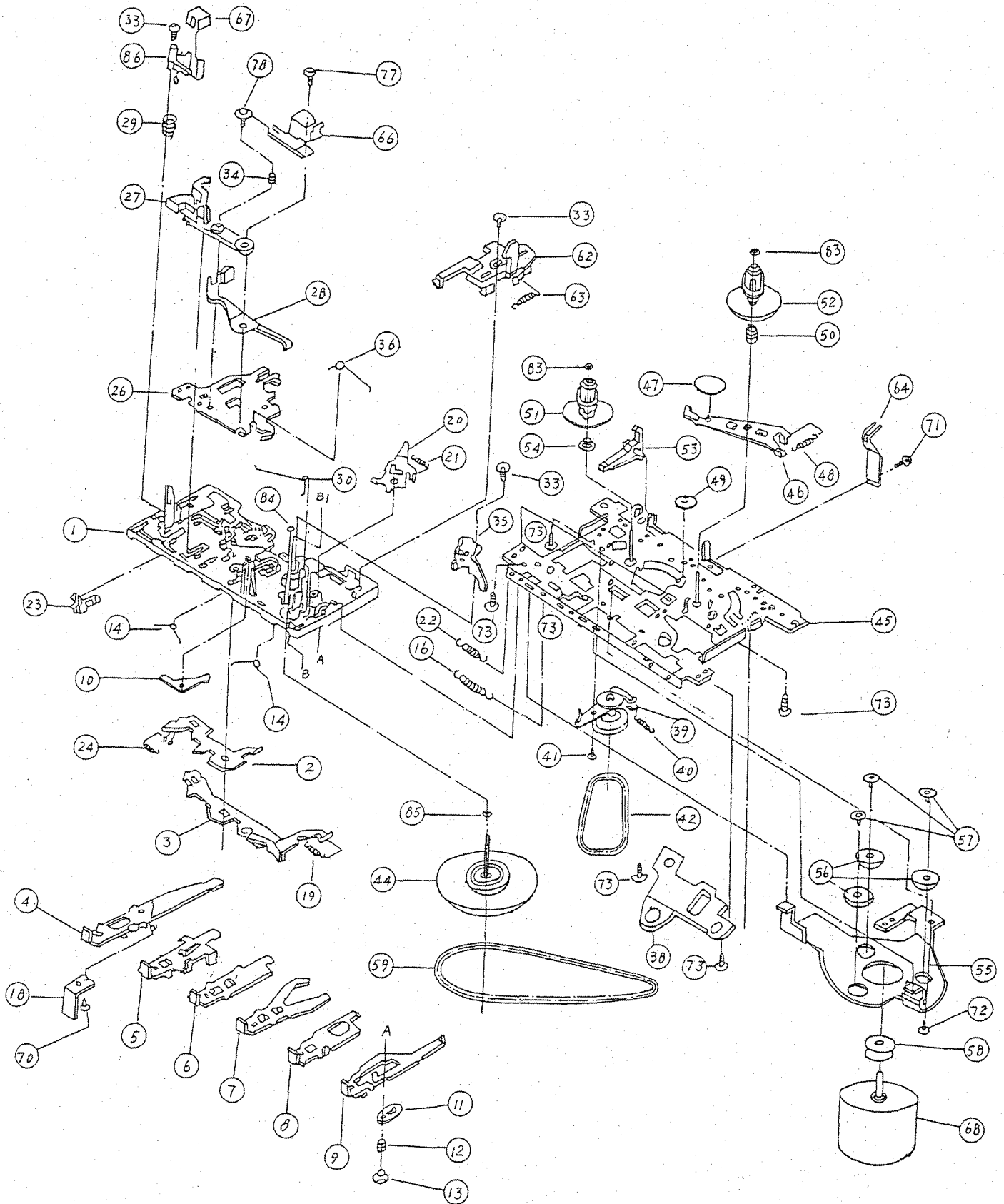
NO.	DESCRIPTION
121.	M 2.6 X 5 BH
122.	M 2.6 X 4 KH
123.	M 2 X 3 PH/TITE
124.	M 2 X 7 PH/TITE
125.	REMOTE SENSOR HOLDER
126.	REMOTE SENSOR

#### REMOTE UNIT

127.	REMOTE INLAY
128.	FRONT CABINET - REMOTE
129.	RUBBER PAD - REMOTE
130.	IR EMITTER
131.	MAIN P.C.B. - REMOTE
132.	REMOTE BATTERY SPRING - COMMON
133.	REMOTE BATTERY SPRING - { + }
134.	REMOTE BATTERY SPRING - { - }
135.	BACK CABINET - REMOTE
136.	BATTERY DOOR - REMOTE
137.	2.6 X 6 ST/PH

LIST OF EXPLODED VIEW  
MODEL : PJ-417CDII  
( VER. Y1 )

MODEL : PJ - 417 CD , PJ - 217



FH-21 FD-2		分解图	
设计	审核	制图	校对
日期	日期	日期	日期
比例	比例	比例	比例
材料	材料	材料	材料
数量	数量	数量	数量
备注	备注	备注	备注

## FH-21FD-2

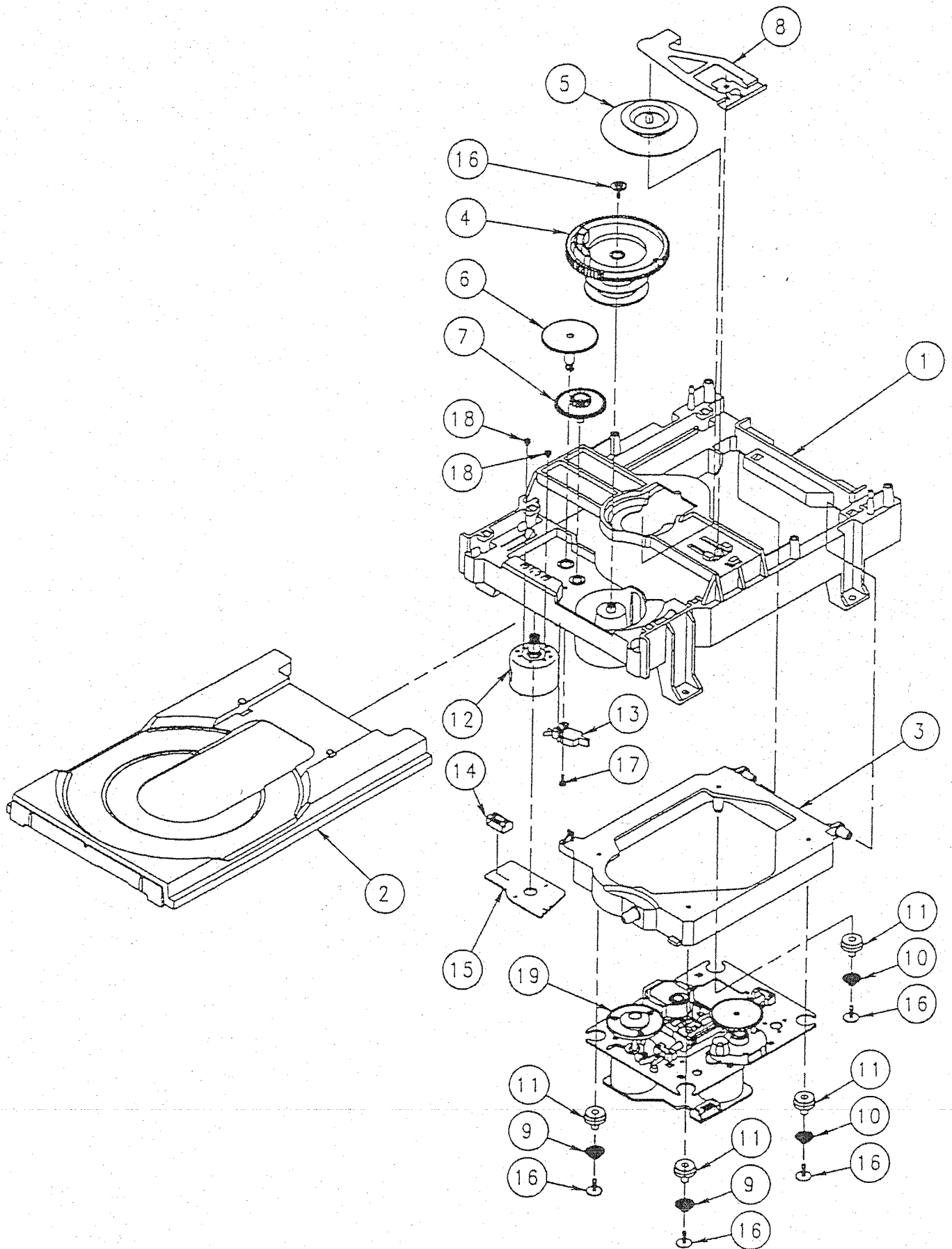
MODEL : DECK MECHANISM FOR AKAI PJ-417CD (FH-21FD-2)			
DATE : 5.11.1996			
PART LIST			
EXP. NO.	PART NO.	PARTICULAR	QTY
1	FSB6.123.002	MAIN BASE ASS'Y Q	1
2	FSB8.366.006	SWITCH PLATE	1
3	FSB6.278.002	PUSH BUTTON ACTUATOR ASS'Y	1
4	FSB8.352.017	REC BUTTON LEVER	1
5	FSB8.352.018	PLAY BUTTON LEVER	1
6	FSB8.352.019	RWD BUTTON LEVER	1
7	FSB8.352.020	FF BUTTON LEVER	1
8	FSB8.352.021	STOP BUTTON LEVER	1
9	FSB6.366.001	PAUSE BUTTON LEVER ASS'Y	1
10	FSB8.350.015	RWD LEVER	1
11	FSB8.360.001	PAUSE LEVER A	1
12	FSB8.382.020	PAUSE LEVER SPRING	1
13	FSB8.230.018	PAUSE STOPPER	1
14	FSB8.383.016	PAUSE/STOP BUTTON LEVER SPRING	1
14	FSB8.383.017	F.F/RWD BUTTON LEVER SPRING	1
16	FSB8.381.010	PLAY BUTTON LEVER SPRING	1
17			
18	FSB8.387.015	REC SPRING PLATE	1
19	FSB8.381.011	ACTUATOR SPRING	1
20	FSB8.350.010	AUTO LEVER	1
21	FSB8.381.012	AUTO LEVER SPRING	1
22	FSB8.381.009	PLAY BUTTON LEVER SPRING	1
23	Y.325.002	LEAF SWITCH	1
24	FSB8.381.013	SWITCH ACTUATOR SPRING	1
25			
26	FSB8.202.014	HEAD PANEL	1
27	FSB8.078.008	HEAD BASE	1
28	FSB6.364.002	SENSING PLATE ASS'Y	1
29	FSB8.383.020	E.H. SPRING	1
30	FSB8.383.018	HEAD PANEL SPRING	1
31			
32			
33	FSB8.914.010	P.M.E. SCREW (P2X3.3)	1
	FSB8.912.000	PINCH POLLER SCREW (P2X4.7)	1
	FSB8.912.000	M.G ARM SCREW	1
34	FSB8.382.015	AZIMUTH SPRING	1
35	FSB6.362.012	PINCH ROLLER ARM ASS'Y	1
36	FSB8.383.019	PINCH ROLLER SPRING	1
37			
38	FSB8.038.063	METAL GUIDE	1
39	FSB6.341.003	R.F. PULLEY ARM ASS'Y	1
40	FSB8.381.014	R.F. PULLEY ARM SPRING	1
41	FSB8.914.011	R.F. ARM COLLER SCREW	1
42	FSB8.328.006	R.F. BELT (DIA. 34.5X0.8X0.8)	1
43			

## FH-21FD-2

		<b>MODEL : DECK MECHANISM FOR AKAI PJ-417CD (FH-21FD-2)</b>	
			<b>DATE : 5.11.1996</b>
		<b>PART LIST</b>	
<b>EXP. NO.</b>	<b>PART NO.</b>	<b>PARTICULAR</b>	<b>QTY</b>
44	FSB6.320.003	FLY WHEEL ASS'Y A	1
45	FSB8.031.016	REEL BASE ASS'Y	1
46	FSB6.326.013	TAKE UP GEAR PLATE ASS'Y	1
47	FSB8.470.006	TAKE UP ROLLER GEAR	1
48	FSB8.382.015	T.G PLATE SPRING	1
49	FSB8.470.004	FF GEAR	1
50	FSB8.382.017	BACK TENSION SPRING	1
51	FSB6.325.001	SUPPLY REEL ASS'Y	1
52	FSB6.325.002	TAKE UP REEL ASS'Y	1
53	FSB8.350.009	RECORD SAFETY LEVER	1
54	FSB8.382.019	BACK TENSION SPRING	1
55	FSB8.038.052	MOTOR BRACKET	1
56	FSB8.683.050	MOTOR RUBBER	1
57	FSB8.914.012	MOTOR COLLER SCREW (M2.6)	1
58	FSB8.322.023	MOTOR PULLEY (A)	1
59	FSB8.328.001	MAIN BELT (VB)	1
60			
61			
62	FSB8.352.010	EJECT SLIDE LEVER	1
63	FSB8.381.016	EJECT SLIDE LEVER SPRING	1
64	FSB8.387.017	PACK SPRING	1
65			
66	Y.202.003	R.P HEAD	1
67	Y.201.010	E HEAD	1
68	Y.210.031	MOTOR	1
69			
70	Y.315.020	TAMS SCREW (C2X3)	1
71	Y.315.020	C TAPPING SCREW (C2X3)	1
72	Y315.020	CTAPPING SCRE (C2X4)	1
73	Y.315.020	P TAPPING BIND SCREW (P2X5)	5
74			
75			
76			
77	Y.315.040	CAP SCREW (M2X7)	1
78	Y.315.060	AZIMUTH SCREW (M2X7)	1
79	FSB8.038.057	FRAME (F)	1
80	FSB8.634.031	FUNCTION LEVER	6
81	FSB8.300.028	PUSH BUTTON LEVER SHAFT (3X103)	1
82	Y315.050	CAMMER SCREW (M2X7)	2
83	FSB8.946.004	P WASHER CUT (1.2X3.9X0.4)	1
84	FSB8.946.005	P WASHER CUT (1.55X3.8X0.5)	1
85	FSB8.600.046	P WASHER CUT (2.05X40.5)	1
86	FSB8.078.010	M.G ARM	1

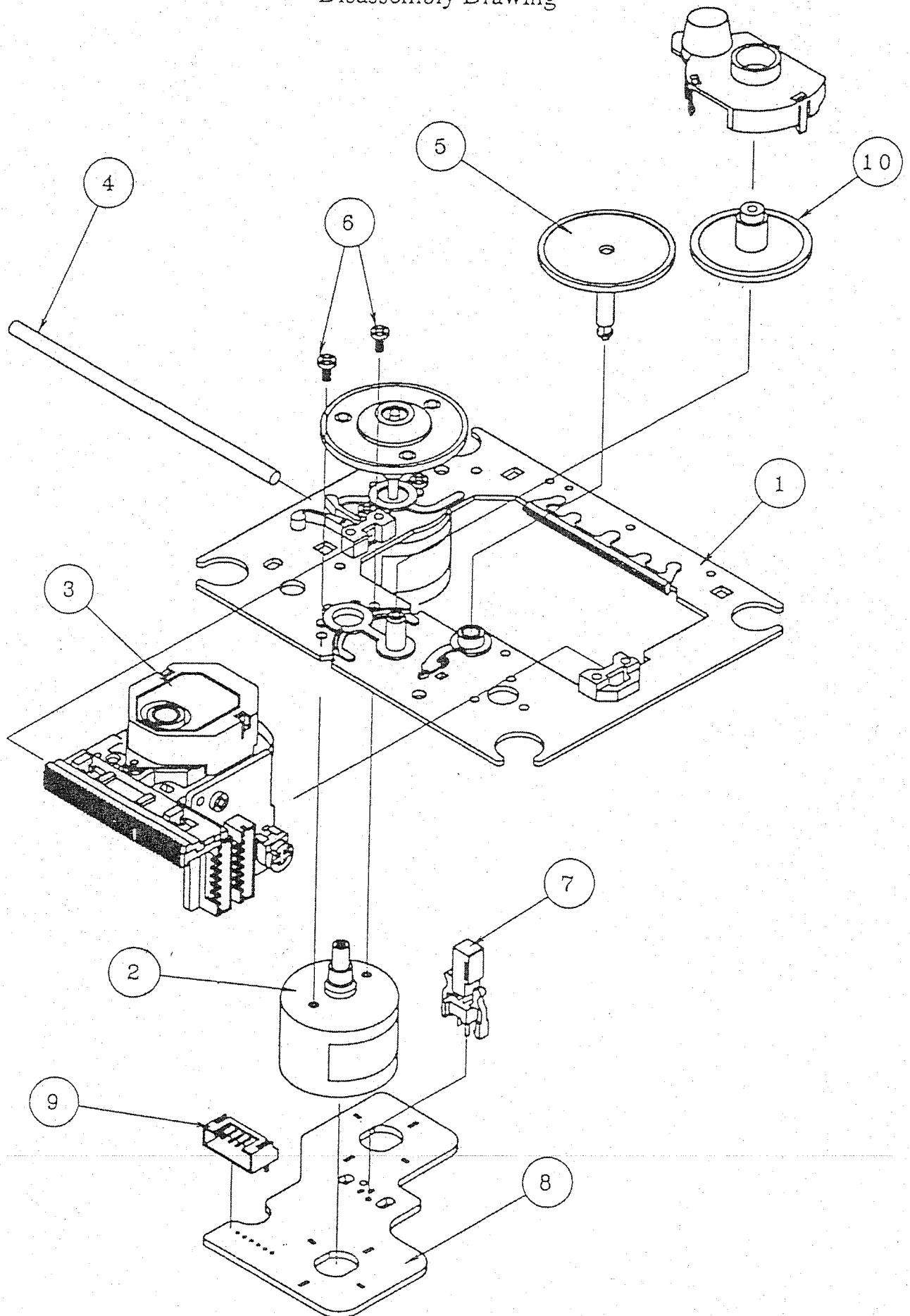
# KSL-212BCM 分解图

Disassembly Drawing





KSM-212BCM 分解図  
Disassembly Drawing



<u>KSL-212BCM CD MECHANISM</u>			
<u>NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	2-627-233-(01)	LU CHASSIS	1
2	2-627-230-(01)	TRAY	1
3	2-627-229-(01)	SUB CHASSIS AS	1
4	2-627-231-(01)	CAM GEAR	1
5	2-627-227-(01)	CHUCKING PULLEY	1
6	2-627-239-(01)	GEAR (X)	1
7	2-627-238-(01)	GEAR (Y)	1
8	2-627-226-(01)	CHUCKING SPRING	1
9	2-627-236-(01)	COIL SPRING (FRONT)	2
10	2-627-235-(01)	COIL SPRING (BACK)	2
11	2-627-234-(01)	INSULATOR	4
12	X-2625-910-(1)	LOADING MOTOR ASSY	1
13	1-692-053-(11)	LEAF SWITCH	1
14	1-564-721-(11)	CONNECTOR PIN (SUPER SMALL SIZE)	1
15	1-656-900-(11)	LOADING MOTOR PWB	1
16	2-626-294-(11)	SCREW+PTPWH 2.6X7	5
17	7-685-104-(11)	PIN+P2X6 NO SLIT, TYPE 2	1
18	7-621-7732-(00)	+B2X3	2

CD PCB-21BCMA		SPARE PARTS PRICE LIST	
FOR CD			DATE : 25/10/96
PART NO.	DESCRIPTION	QTY	
00-0289-10	I.C. BA6395FP	1	
00-0303-00	I.C. CXA1782BQ	1	
00-0456-00	I.C. CXD2508AQ	1	
00-0717-00	I.C. CXP1042Q	1	
00-0136-10	I.C. BA4558N	1	
01-0106-02	TR 2SB1013-2	1	
01-0037-03	TR 2SA952K	1	
01-0208-11	TR 2SB1374Q	1	
01-0141-03	TR BN1L4M	1	
01-0145-03	TR BA1L4M	2	
01-0084-01	TR 2SC2458 Y	1	
05-4013-22	INDUCTOR 100uH RL4055-101K	1	
05-6000-26	COMMON MODE CHOKE COIL 26uH X 2	1	
02-0001-01	DIODE 1N4148	8	
02-0000-03	DIODE 1N4001	1	
04-0024-02	OSCILLATOR CRYSTAL 33.8688MHz	1	
111-1202-0251-0V	12 PF 50V J CH CERAMIC CAP :	1	
111-1502-0251-0V	15PF 50V J CH	2	
111-1512-A061-0V	150PF 50V K Y5P	4	
111-3312-A061-0V	330PF 50V K Y5P	2	
111-2212-A061-0V	220PF 50V K Y5P	2	
111-1022-A061-0V	0.001UF 50V K Y5P	1	
111-2230-A071-0V	0.022UF 16V M Y5P	2	
111-1040-A071-0V	0.1UF 16V M Y5P	8	
111-1040-A071-0V	0.1UF 16V M Y5P	1	
07-3215-48	M-CAP : 0.0015UF 50V J	3	
07-3222-48	M-CAP : 0.0022UF 50V J	2	
07-3247-48	M-CAP : 0.0047UF 50V J	1	
07-3310-48	M-CAP : 0.01UF 50V J	5	
07-3422-48	M-CAP : 0.22UF 50V J	1	
07-3333-48	M-CAP : 0.033UF 50V J	3	
07-3347-48	M-CAP : 0.047UF 50V J	1	
160-R478-1901-0V	E-CAP : 0.47 UF 50V	2	
160-0108-1901-0V	1UF 50V	3	
160-2R28-1901-0V	2.2UF 50V	1	
160-3R38-1901-0V	3.3UF 50V	2	
160-4R78-1901-0V	4.7UF 50V	1	
160-2204-1901-0V	22UF 10V	1	
160-3305-1901-0V	33UF 16V	1	
160-4704-1901-0V	47UF 10V	2	
160-4705-1901-0V	47UF 16V	1	
160-1014-1901-0V	100UF 10V	6	
160-1015-1901-0V	100UF 16V	1	
160-2215-1901-0V	220UF 16V	1	

CD PCB-21BCMA	SPARE PARTS PRICE LIST	
FOR CD		DATE : 25/10/96
PART NO.	DESCRIPTION	QTY
	CARBON FILM RESISTOR : 1/8w +-5%	1
191-R100-0100-8B	10 OHM	1
191-R910-0100-8B	91 OHM	1
191-R101-0100-8B	100 OHM	1
191-R102-0100-8B	1K OHM	6
191-R222-0100-8B	2K2 OHM	1
191-R272-0100-8B	2K7 OHM	1
191-R332-0100-8B	3K3 OHM	1
191-R472-0100-8B	4K7 OHM	2
191-R562-0100-8B	5K6 OHM	1
191-R752-0100-8B	7K5 OHM	1
191-R822-0100-8B	8K2 OHM	3
191-R912-0100-8B	9K1 OHM	2
191-R103-0100-8B	10K OHM	13
191-R123-0100-8B	12K OHM	3
191-R153-0100-8B	15K OHM	2
191-R223-0100-8B	22K OHM	14
191-R273-0100-8B	27K OHM	1
191-R303-0100-8B	30K OHM	1
191-R823-0100-8B	82K OHM	2
191-R104-0100-8B	100K OHM	10
191-R154-0100-8B	150K OHM	1
191-R184-0100-8B	180K OHM	1
191-R204-0100-8B	200K OHM	1
191-R514-0100-8B	510K OHM	1
191-R624-0100-8B	620K OHM	1
191-R105-0100-8B	1M OHM	1
192-5601-0100-8B	5K6 OHM	1
192-1802-0100-8B	18K OHM	1
20-0005-01	TRIMMER POTENTIOMETER B20K+-30%	1
20-0024-01	TRIMMER POTENTIOMETER B47K+-30%	1
	ELECTRICAL MISCELLANEOUS:	
19-0010-03	WAFER 2P B2B-PH-K-S	3
19-0012-03	WAFER 3P B3B-PH-K-S	2
19-0014-03	WAFER 4P B4B-PH-K-S	2
19-0017-03	WAFER 5P B5B-PH-K-S	1
19-0039-03	WAFER 6P B6B-PH-K-S	1
19-0041-03	WAFER 8P B8B-PH-K-S	2
19-0019-03	WAFER 9P B9B-PH-K-S	1
19-0020-03	WAFER 10P B10B-PH-K-S	1
19-0036-03	WAFER 8P B8B-PH-K-R (RED)	1
19-0013-03	WAFER 4P B4B-EH-A	1
19-0007-08	WIRE HARNESS 20MM CN#11	1
84-2502-00	PCB 21BCMA MAIN PCB 94V-0	1

CD PCB-21BCMA	SPARE PARTS PRICE LIST	
FOR CD		DATE : 25/10/96
<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
64-0000-00	TEST PIN DIA 1MM	6
	TINNER COPPER WIRE : DIA 0.6MM	2
66-1100-02	L=5.5MM	23
66-1101-02	L=7.5MM	20
66-1103-02	L=10MM	14
66-1104-02	L=12.5MM	12
66-1105-02	L=15MM	4
66-0017-02	L=25MM	1

# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V] V Version = S Version

@USD						
	PART NO.	DESCRIPTION	POSITION NUMBER	QTY	U PRICE	VERSION
1	101-0116-011	MAIN BOARD (417-1) 205x170mm < rev-0 >	03	1	1.5807	E.V.
2	101-0112-311	MAIN BOARD (417-1) AUG 8,96	03	1	1.5807	Y
3	101-0113-011	TAPE- P.C. BOARD+BATTERY PCB ( 417-2+5A/5B) < rev-0 >	28,101,105	1	1.3436	E.V.Y
4	101-0114-011	DISPLAY BOARD ( 417-4 ) 162x46mm < rev-0 >	63	1	0.3914	E.V.Y
5	101-0096-011	RECTIFIER BOARD 3001/2881-3	108	1	0.0941	E.V.Y
6	102-0037-001	IC: POWER AMP.TA8227P	IC301	1	1.0162	E.V.Y
7	102-0028-001	IC: PRE AMP.AN7312	IC201	1	0.6398	E.V.Y
8	102-0001-001	IC: RADIO CXA1238S	IC601	1	1.7764	E.V.Y.
9	102-0012-000	TRANSISTOR TR 9018F		1	0.0828	Y
10	107-0002-000	TRANSISTOR: 9014 C	Q501,101-106,108,110--112,114-115,201-203	16	0.0602	E.V.Y
11	107-0020-000	TRANSISTOR: 8050C	Q109	1	0.0828	E.V.Y
12	107-0018-000	TRANSISTOR: 8550C	Q107	1	0.0828	E.V.Y.
13	107-0040-000	TRANSISTOR: B986S	Q113	1	0.4375	E.V.Y.
14	107-0003-000	DIODE: IN4001	D301-304	4	0.0199	E.V.Y.
15	107-0004-000	DIODE: IN4148	D101-109,601-603,201	13	0.0188	E.V.Y.
16	107-0060-033	L.E.D.LAMP 3mm (ORANGE-YELLOW) - IFR-334AD -	LED D402/57	1	0.1054	E.V.Y
17	107-0037-023	L.E.D.LAMP 3mm (RED)	LED D401/58	1	0.0602	E.V.Y.
18	107-0061-053	L.E.D.LAMP 3mm (GREEN)	LED D403-406/62	4	0.0640	E.V.Y.
19	103-0002-141	I.F.T: 10A-1285 (YELLOW)	T601	1	0.1129	E.V.Y.
20	103-0003-191	I.F.T: 10A-1287 (WHITE)	T602	1	0.1129	E.V.Y
21	103-0124-121	I.F.T: 10A-OA-815638 (RED) [2881]	T605	1	0.0941	E.V.Y
22	103-0126-261	I.F.T: 10A-F-815437 (BLUE) [2881]	T603	1	0.1129	E.V.Y
23	103-0139-001	I.F.T: 10A-D-819170 (GREY) [2881]	L201	1	0.1731	E.V.Y
24	103-0092-103	AM COIL:115:20T (M3) 4-Wire L=140mm., paper-L=36mm	L602	1	0.0753	S
25	103-0146-103	AM COIL : 80 : 15T (M3) 4-wire L=140mm		1	0.0900	Y
26	103-0000-103	AM COIL : 120 : 30T CCW (M3) 4-wire L=140mm		1	0.0900	E.V.
27	103-0130-303	LW COIL : 320 : 60T ACW (M3) L=140mm		1	0.1300	E.V.
28	103-0149-400	CHOKE COIL 22uH (DC=0.4 Ohm) CW220K-829256-00	L101	1	0.0565	E.V.Y
29	103-0098-000	CHOKE COIL 2.2 uH		1	0.0565	Y
30	103-0056-200	MODULAR COIL FTZ-1135-B	L604	1	0.1129	E.V.
31	103-0136-200	FM COIL: 3.5T x4.5mm (0.7)	L601,L603	2	0.0075	E.V.Y
32	103-0140-200	FM COIL : 2.5T x 5mm (0.7)		1	0.0075	Y
33	443-0010-000	FERRITE BAR 10x70mm. (CHINA)	82	1	0.0979	Y
34	443-0000-000	FERRITE BAR 10x90mm (Yellow)		1	0.2500	E.V.

**SPARE PARTS PL. E LIST**

**MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V] V Version = S Version**

**@USD**

	PART NO.	DESCRIPTION	POSITION NUMBER	QTY	U PRICE	VERSION
35	110-0028-600	P.V.C. AM/FM 126PF	VC101/76	1	0.7151	E.V.
36	110-0051-600	P.V.C. AM/FM/SW 266PF		1	1.3000	Y
37	109-0114-400	R.V. 100KB EWCU6AF10B15 WITH/C.C. (BASS,TR)	VR101,VR102/79,81	2	0.5200	E.V.Y
38	109-0119-400	R.V. 50KB EVUE2AF15B54 (MIC MIX)	VR501/25	1	0.3900	E.V.Y.
39	109-0111-400	R.V. 50KD EWCUIAF10D54 (VOLUME)	VR103/78	1	0.5200	E.V.Y.
40	109-0026-300	SEMI-FIX VR DOUBLE GAIN 2KB OHM		1	0.0489	E.V.Y.
41	104-0093-000	SLIDE SWITCH: SS-42H08-G12-NS (BAND)	(AM/FM)SW601/71	1	0.2145	V.
42	104-0095-000	SLIDE SWITCH : SS-63D01-G12-NS		1	0.3000	Y
43	104-0098-000	SLIDE SWITCH : 1P2T WS-12J01-G(C)0 NEW	110V-230V	1	0.2200	Y
44	104-0087-000	SLIDE SWITCH: SS-43D01-G12-NS (FUNCTION)	SW101/69	1	0.2145	E.V.Y
45	104-0097-000	SLIDE SWITCH: SK23E03-G12 (BEAT CUT)	SW103/87	1	0.1505	E.V.Y
46	104-0090-000	PUSH SWITCH: RSD-92D02S-NS (SHORTING) (REC)	SW201/27	1	0.1882	E.V.Y
47	104-0091-000	PUSH SWITCH: PS42F18(LOCK) (SUPER BASS)	SW102/80	1	0.2258	E.V.Y.
48	104-0054-000	TACT SWITCH (160gF) BGTO230L4.3P	K401~K409/55	9	0.0659	E.V.Y
49	104-0004-000	JACK $\phi$ 3.5mm W/2P2T ST212W (D) (MIC)	J303C/26	1	0.3688	E.V.Y
50	104-0099-000	JACK $\phi$ 3.5mm STEREO TC38-029-02 5-PINS (PHONES)	JK501/29	1	0.1807	E.V.Y
51	105-0040-000	DECK MECHANISM ----FH21FD-2(12V)----	36	1	6.0000	E.V.Y
52		(AUTO STOP) MOTOR EG530YD-2BH [12V-CCW]				
53		KEY KNOB ( 6 ) WITH BRACKET & SCREW	34,35,120			
54		REC/PLAY HEAD: RP-7442-BS-0951				
55		ERASE HEAD: MSI-5po (TC-235)				
56		MOTOR POSITION: 4 O'CLOCK				
57	106-0066-100	TRANSFORMER TO-V812TR-02 230V VDE	90	1	3.2179	E.V.
58	106-0040-000	TRANSFORMER TO-W812TR-02 110V/230V		1	3.2179	Y
59	104-0005-000	APP'D AC SOCKET (VDE) PSE-27	92	1	0.5269	E.V.Y
60	445-0001-000	AC SOCKET COVER	91	1	0.0188	E.V.Y
61	106-0005-101	SAA APPROVED CORD W/2.5A PLUG 6FT		1	1.5431	E.V.Y
62	107-0008-003	CERAMIC FILTER:10.7 MS3 (RED)TOKO/MURATA	CF601	1	0.3011	E.V.Y
63	107-0062-000	LCD DISPLAY FOR CD < HLC8530-011419 >	59	1	1.9000	E.V.Y
64	105-0041-000	CD MECHANISM < KSL-212BCM >	50	1	24.0000	E.V.Y
65	101-0115-011	PCB ASSY FOR CD < PCB-21BCM >	48	1	19.5000	E.V.Y
66	109-0001-103	RESISTOR 1/4W: 1 OHM	R151,152	2	0.0049	E.V.Y
67	109-0032-103	RESISTOR 1/4W: 47 OHM	R201,202,504	3	0.0049	E.V.Y
68	109-0058-103	RESISTOR 1/4W: 68 OHM	R223	1	0.0049	E.V.Y

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	PART NO.	DESCRIPTION	POSITION NUMBER	QTY	U PRICE	VERSION
69	109-0005-103	RESISTOR 1/4W: 120 OHM	R225,701,702	3	0.0049	E.V.Y
70	109-0060-103	RESISTOR 1/4W: 180 OHM	R139,149,150,401	4	0.0049	E.V.Y
71	109-0025-103	RESISTOR 1/4W: 220 OHM	R618	1	0.0049	E.V.Y
72	109-0006-103	RESISTOR 1/4W: 330 OHM	R610,214	2	0.0049	E.V.Y
73	109-0007-103	RESISTOR 1/4W: 470 OHM	R617	1	0.0049	E.V.Y
74	109-0038-103	RESISTOR 1/4W: 560 OHM	R402	1	0.0049	E.V.Y
75	109-0008-103	RESISTOR 1/4W: 680 OHM	R135,141	2	0.0049	E.V.Y
76	109-0010-103	RESISTOR 1/4W: 1K OHM	R107,108,133,134,148,609,615,616,226	9	0.0049	E.V.Y
77	109-0011-103	RESISTOR 1/4W: 2K2 OHM	R142,155,606,503,614	5	0.0049	E.V.Y
78	109-0012-103	RESISTOR 1/4W: 3K3 OHM	R138,601,604,156	4	0.0049	E.V.Y
79	109-0040-103	RESISTOR 1/4W: 3K9 OHM	R131,132,603,215,216	5	0.0049	E.V.Y
80	109-0013-103	RESISTOR 1/4W: 4K7 OHM	R111,112	2	0.0049	E.V.Y
81	109-0014-103	RESISTOR 1/4W: 5K6 OHM	R203,204,505	3	0.0049	E.V.Y
82	109-0030-103	RESISTOR 1/4W: 6K8 OHM	R103,104,612,613,168	5	0.0049	E.V.Y
83	109-0042-103	RESISTOR 1/4W: 8K2 OHM	R209-212,217,218,501,140	8	0.0049	E.V.Y
84	109-0016-103	RESISTOR 1/4W: 15K OHM	R115-126,	12	0.0049	E.V.Y
85	109-0031-103	RESISTOR 1/4W: 18K OHM	R207,208	2	0.0049	E.V.Y
86	109-0017-103	RESISTOR 1/4W: 22K OHM	R127,128,136,159,160,163,164,167,205,206	10	0.0049	E.V.Y
87	109-0018-103	RESISTOR 1/4W: 33K OHM	R105,106,153,154,219,220	6	0.0049	E.V.Y
88	109-0052-103	RESISTOR 1/4W: 39K OHM	R144	1	0.0049	E.V.Y
89	109-0019-103	RESISTOR 1/4W: 47K OHM	R143,147,161,162,165,166	6	0.0049	E.V.Y
90	109-0045-103	RESISTOR 1/4W: 82K OHM	R221,222	2	0.0049	E.V.Y
91	109-0020-103	RESISTOR 1/4W: 100K OHM	R157,158,608,611	4	0.0049	E.V.Y
92	109-0022-103	RESISTOR 1/4W: 220K OHM	R224,605,607	3	0.0049	E.V.Y
93	109-0023-103	RESISTOR 1/4W: 330K OHM	R113,114,227	3	0.0049	E.V.Y
94	109-0066-103	RESISTOR 1/4W: 560K OHM	R145	1	0.0049	E.V.Y
95	109-0055-103	RESISTOR 1/4W: 680K OHM	R129,130	2	0.0049	E.V.Y
96	109-0047-103	RESISTOR 1/4W: 1M OHM	R109,110,213	3	0.0049	E.V.Y
97	109-0074-103	RESISTOR 1/4W: 1M5 OHM	R101,102,502	3	0.0049	E.V.Y
98	109-0107-103	RESISTOR 1/4W: 2M2 OHM	R137	1	0.0049	E.V.Y
99	109-0110-103	RESISTOR 1/4W: 12M OHM	R146	1	0.0049	E.V.Y
100	110-0132-900	CERAMIC CAPACITOR: 4pF (npo)	C609	1	0.0083	E.V.Y
101	110-0101-100	CERAMIC CAPACITOR: 15pF	C631	1	0.0083	E.V.Y
102	110-0005-100	CERAMIC CAPACITOR: 22pF	C604	1	0.0083	E.V.Y



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	PART NO.	DESCRIPTION	POSITION NUMBER	QTY	U PRICE	VERSION
103	110-0006-900	CERAMIC CAPACITOR: 25pF (n330)	C605	1	0.0260	E.V.Y
104	110-0007-100	CERAMIC CAPACITOR: 30pF	C601,602,603	3	0.0083	E.V.Y
105	110-0033-100	CERAMIC CAPACITOR: 50pF	C207,208	2	0.0083	E.V.Y
106	110-0009-100	CERAMIC CAPACITOR: 100pF	C614,119,120	3	0.0083	E.V.Y
107	110-0010-900	CERAMIC CAPACITOR: 130pF (npo)	C606	1	0.0376	E.V.Y
108	110-0057-100	CERAMIC CAPACITOR: 500pF	C223,224	2	0.0087	E.V.Y
109	110-0012-100	CERAMIC CAPACITOR: 0.002uF	C143,144	2	0.0083	E.V.Y
110	110-0013-100	CERAMIC CAPACITOR: 0.001uF	C215,216,502	3	0.0083	E.V.Y
111	110-0016-100	CERAMIC CAPACITOR: 0.01uF	C607,222,227	3	0.0083	E.V.Y
112	110-0016-150	CERAMIC CAPACITOR: 0.01uF - (50v)	C302-305	4	0.0083	E.V.Y
113	110-0015-100	CERAMIC CAPACITOR: 0.02uF	C101,102,127,615,619,630,213,214	8	0.0094	E.V.Y
114	110-0017-100	CERAMIC CAPACITOR: 0.1uF	C136	1	0.0256	E.V.Y
115	110-0066-200	MYLAR CAPACITOR: 0.001uF	C201,202	2	0.0199	E.V.Y
116	110-0047-200	MYLAR CAPACITOR: 0.0022uF	C211,212,226,115,116	5	0.0199	E.V.Y
117	110-0046-200	MYLAR CAPACITOR: 0.0033uF	C624,625	2	0.0199	E.V.Y
118	110-0029-200	MYLAR CAPACITOR: 0.0047uF	C147	1	0.0199	E.V.Y
119	110-0067-200	MYLAR CAPACITOR: 0.0082uF	C622,623	2	0.0199	E.V.Y
120	110-0076-200	MYLAR CAPACITOR: 0.018uF	C148	1	0.0245	E.V.Y
121	110-0117-200	MYLAR CAPACITOR: 0.022uF	C205,206	2	0.0256	E.V.Y
122	110-0058-200	MYLAR CAPACITOR: 0.033uF	C109-112	4	0.0267	E.V.Y
123	110-0136-200	MYLAR CAPACITOR: 0.082uF	C113,114	2	0.0414	E.V.Y
124	110-0001-200	MYLAR CAPACITOR: 0.1uF	C139,140	2	0.0489	E.V.Y
125	110-0019-310	ELECTROLYTIC CONDENSER: 0.47uF/10V	C105-108,117,118,121,122,613,501,503	11	0.0245	E.V.Y
126	110-0018-310	ELECTROLYTIC CONDENSER: 1uF	C103,104,123,131,132,610,618,621,626,627	10	0.0245	E.V.Y
127	110-0140-310	ELECTROLYTIC CONDENSER: 2u2	C126	1	0.0245	E.V.Y
128	110-0021-310	ELECTROLYTIC CONDENSER: 4u7	C209,210,217,218,612,616,150	7	0.0245	E.V.Y
129	110-0023-310	ELECTROLYTIC CONDENSER: 10uF	C220,225,149,608,611	5	0.0245	E.V.Y
130	110-0020-310	ELECTROLYTIC CONDENSER: 33uF	C617	1	0.0256	E.V.Y
131	110-0022-310	ELECTROLYTIC CONDENSER: 47uF	C203,204,219,135	4	0.0271	E.V.Y
132	110-0024-310	ELECTROLYTIC CONDENSER: 100uF	C128,133,134,137,138,146,620,228	8	0.0294	E.V.Y
133	110-0025-310	ELECTROLYTIC CONDENSER: 220uF	C123,221,153	3	0.0395	E.V.Y
134	110-0027-316	ELECTROLYTIC CONDENSER: 1000uF/16V	C141,142	2	0.1280	E.V.Y
135	110-0024-325	ELECTROLYTIC CONDENSER: 100uF/25V	C129,130	2	0.0546	E.V.Y
136	110-0025-325	ELECTROLYTIC CONDENSER: 220uF/25V	C124	1	0.0903	E.V.Y

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	PART NO.	DESCRIPTION	POSITION NUMBER	QTY	U PRICE	VERSION
137	110-0145-325	ELECTROLYTIC CONDENSER: 2200uF/25V	C145,301	2	0.5081	E.V.Y
138	108-0194-900	PITCH 2.5mm 2PIN SINGLE HOUSING -	SO104/P304	1	0.0866	E.V.Y
139		W/#22 UL JUMPER WIRE x2 [L=200mm]				
140		1,RED / 2,BLACK				
141	108-0195-900	PITCH 2.5mm 5PIN SINGLE HOUSING -	SO701/P105~P109	1	0.2333	E.V.Y
142		W/#22 UL JUMPER WIREx5 [L=260mm]				
143		1,BROWN./2,RED/3,ORANGE./4,YELLOW.5,GREEN				
144	108-0181-904	#22 UL APPROVED PVC WIRE YELLOW L=220mm	POWER PCB/AC SOCKET	1	0.0094	E.V.Y
145	108-0129-900	#22 UL APPROVED PVC WIRE BLACK L=120mm	POWER PCB/BATTERY PCB	1	0.0094	E.V.Y
146	108-0168-903	#22 UL APPROVED PVC WIRE ORANGE L=160mm	POWER PCB/AC SOCKET	1	0.0124	E.V.Y
147	108-0021-009	#26 PVC WIRE WHITE L=60mm	MOTOR/LEAF SWITCH	1	0.0022	E.V.Y
148	108-0004-008	#26 PVC WIRE YELLOW L=80mm	C224 GND/R210 GND	1	0.0027	E.V.Y
149	108-0061-005	#26 PVC WIRE GREEN L=160mm	C153/SO104.B- GND	1	0.0044	E.V.Y
150	108-0061-003	#26 PVC WIRE ORANGE L=160mm	BUZZAR/SPEAKER+	2	0.0044	E.V.Y
151	108-0061-006	#26 PVC WIRE BLUE L=160mm	BUZZAR/SPEAKER-	2	0.0044	E.V.Y
152	108-0009-009	#26 PVC WIRE white =300mm	SO202<1>/SO108<1>	1	0.0074	E.V.Y
153	108-0009-008	#26 PVC WIRE gray =300mm	SO202<2>/SO108<2>	1	0.0074	E.V.Y
154	108-0196-209	PITCH 2mm 3PIN SINGLE HOUSING -	CN6/SO106	1	0.1844	E.V.Y
155		W/#28 (2547) DOUBLE SHIELD WIRE[white] L=300mm				
156		1,RED /2,GND /3,WHITE				
157	108-0197-201	PITCH 2mm 4PIN SINGLE HOUSING -	SO201/R/P HEAD	1	0.2108	E.V.Y
158		1, W/#26 PVC WIRE BROWN L=180mm				
159		AND DOUBLE SHIELD WIRE L=180mm				
160		2,RED/3,GND/4,WHITE				
161	108-0198-000	PITCH 2mm 2PIN SINGLE HOUSING -	SO103/SO405	1	0.0790	E.V.Y
162		W/#26 PVC WIRE L=260mm 1,gray / 2,purple				
163	108-0198-000	PITCH 2mm 2PIN SINGLE HOUSING -	SO109/SO404	1	0.0790	E.V.Y
164		W/#26 PVC WIRE L=260mm 1,green / 2,yellow				
165	108-0200-000	PITCH 2mm 2PIN SINGLE HOUSING -	SO107/SO406	1	0.0790	E.V.Y
166		W/#26 PVC WIRE L=280mm 1,brown / 2,blue				
167	108-0201-000	PITCH 2mm 2PIN SINGLE HOUSING -	CN5/P101<+>,P102<GND>	1	0.0979	E.V.Y
168		W/#24 PVC WIRE L=360mm 1,red / 2,black				
169	108-0202-000	PITCH 2mm 3PIN SINGLE HOUSING W/#26 PVC. WIRE-	SO105/DECK	1	0.1167	E.V.Y
170		1,WHITE /2,BLACK /3,RED L=260mm				

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171	108-0203-000	PITCH 2mm 8PIN SING.HOUSING-UL-W/#28PVC.L=200mm	CN14/SO403	1	0.3161	E.V.Y
172		1,brown/2,red/3,orange/4,yellow/5,grn/6,blue/7,purple/8,gray				
173	108-0204-000	PITCH 2mm 9PIN SING.HOUSING-UL-W/#28PVC.L=220mm	CN11/SO402	1	0.3613	E.V.Y
174		1,brown/2red/3orang/4,yew/5,grn/6,bue/7,puple/8,gry/9,white				
175	108-0205-000	PITCH 2mm 10PIN SING.HOUSING-UL-W/#28PVC.L=240mm	CN10/SO401	1	0.4140	E.V.Y
176		1brown/2red/3orang/4yew/5grn/6bue/7puple/8gry/9white/10blk				
177	108-0206-000	PITCH 2mm 5PIN TWIN.HOUSING-UL-W/#28 PVC.WIRE	CD PCB CN16/CD DECK	1	0.3274	E.V.Y
178		1,brown/2,red/3,orange/4,yellow/5,green L=160mm				
179	108-0207-000	PITCH 2mm 6PIN TWIN.HOUSING -UL- W/#28 PVC. WIRE	CD PCB CN4/CD DECK	1	0.4178	E.V.Y
180		1,brown/2,red/3,orange/4,yellow/5,green/6,blue L=240mm				
181	108-0208-000	PITCH.2mm 8PIN TWIN. HOUSING -----< RED COLOR >	CD PCB CN3/CD DECK	1	0.5457	E.V.Y
182		WITH / #28 -UL- PVC .WIRE L=180mm				
183		1,brown/2,red/3,orange/4,yellow/5,green/6,blue/7,puple/8,gray				
184	108-0209-000	PITCH. 2mm 8PIN TWIN. HOUSING -----< WHITE COLOR>	CD PCB CN1/CD DECK	1	0.5457	E.V.Y
185		WITH / #28 -UL- PVC .WIRE L=180mm				
186		1,brown/2,red/3,orange/4,yellow/5,green/6,blue/7,puple/8,gray				
187	108-0184-005	£p1.3mmS-TE TERMUNAL W/#26 PVC WIRE green L=260mm	P103/CD PCB Q7<C>	1	0.0429	E.V.Y
188	108-0184-009	£p1.3mmS-TE TERMUNAL W/#26 PVC WIRE white L=260mm	P601/ROD ANTENNA LUG	1	0.0429	E.V.Y
189	108-0185-802	#24 <14x0.16> PARALLEL RED/BLACK L=3.5FT	SPEAKER L/R	2	0.1618	E.V.Y
190	104-0075-000	WAFER PITCH 2.5mm 2PIN WAFER ( I TYPE)	MAIN PCB B+/B-(SO104)	1	0.0263	E.V.Y
191	104-0101-000	WAFER PITCH 2.5mm 5PIN WAFER ( I TYPE)	(SO701)	1	0.0659	E.V.Y
192	104-0070-000	WAFER PITCH 2.0mm 2PIN WAFER ( I TYPE)	(SO103/SO107/SO109)	3	0.0263	E.V.Y
193	104-0071-000	WAFER PITCH 2.0mm 3PIN WAFER ( I TYPE)	(SO105)	1	0.0395	E.V.Y
194	104-0073-000	WAFER PITCH 2.0mm 4PIN WAFER ( I TYPE)	(SO201)	1	0.0527	E.V.Y
195	108-0210-400	FLAT CABLE PITCH 2.0mm 3 PINS (4+50+4mm)	SO101/SO501	1	0.0151	E.V.Y
196	108-0211-400	FLAT CABLE PITCH 2.0mm 7 PINS (4+50+4mm)	SO102/SO203	1	0.0275	E.V.Y
197	323-0021-022	£p1.3mm SA-1 TERMUNAL	FM.ANT-p601 /CD MUTE-p103	2	0.0105	E.V.Y
198	323-0016-022	EYELET (2x7mm)	POWER PCB IN4001	8	0.0029	E.V.Y
199	323-0004-022	EYELET (2x4mm)	POWER PCB	2	0.0030	E.V.Y
200	446-0004-000	TIE WIRE 4"		2	0.0023	E.V.Y
201	446-0003-000	CABLE TIE 3"		9	0.0056	E.V.Y
202	442-0053-000	DOUBLE SIDE TAPE FOR DIAL LENS		1	0.1882	E.V.Y
203	266-0093-100	CASSETTE DOOR LENS (417-046)		1	0.1505	E.V.Y
204	266-0094-100	FUNCTION INLAY ( 417-047.DECK-PLATE ) 106.7x4.7mm		1	0.0828	E.V.Y

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	PART NO.	DESCRIPTION	POSITION NUMBER	QTY	U PRICE	VERSION
205	266-0095-100	BATTERY COVER -A ( 417-035 )		1	0.0941	E.V.Y
206	266-0096-100	BATTERY COVER -B ( 417-035 )		1	0.0941	E.V.Y
207	266-0097-100	DIAL BRACKET COVER -SHORT(217)15x10mm 'BLACK '		1	0.0226	E.V.Y
208	444-0051-100	BACK PLATE (PJ-W317) 54.5x39.5mm		1	0.0866	E OR V OR Y
209	444-0049-000	VOLTAGE SWITCH COVER (3001) 33.8X11mm BLACK		1	0.0301	E.V.Y
210	323-0018-022	HEATSINK-IC TA8227P		1	0.1242	E.V.Y
211	323-0017-020	HEATSINK -TR B986S	(TR B986S)	1	0.1581	E.V.Y
212	442-0054-000	SHIELDING PAPER SIZE:42x34mm W/£p2.8(FOR MIC MIXING)		1	0.0941	E.V.Y
213	444-0052-000	SLIDE SWITCH PLATE (BLACK)11x25mm		1	0.0151	E.V.Y
214	327-0007-021	ROD ANTENNA(3 SECTION) CH348(3001)		1	0.8280	E.V.Y
215	322-0055-020	RECORDING BRACKET (417-036)		1	0.1355	E.V.Y
216	322-0049-020	RECORDING SPRING PLATE (417) 0.6mm		1	0.0715	E.V.Y
217	322-0056-020	ROD ANTENNA MGT.BRACKET (3001)		1	0.0715	E.V.Y
218	322-0057-020	CABINET MOUNTING BRACKET- RIGHT (417-030)		2	0.1204	E.V.Y
219	322-0058-020	CABINET MOUNTING BRACKET- LEFT (417-031)		2	0.1204	E.V.Y
220	322-0059-020	DECK PCB MOUNTING BRACKET (417-037)		2	0.1393	E.V.Y
221	322-0060-020	MAIN. BOARD MOUNTING BRACKET (417-038)		1	0.1129	E.V.Y
222	322-0061-020	CD PCB MOUNTING BRACKET (417-042)		2	0.1400	E.V.Y
223	323-0019-020	SPEAKER CLIP.(#04) (CD 3006F)		8	0.0151	E.V.Y
224	322-0062-020	CASS.DOOR-SPRING (217/417) WIRE-£p1.0mm		1	0.0715	E.V.Y
225	322-0063-022	PCB-MOUNT SPRING (217/417.Battery Board)		4	0.1317	E.V.Y
226	446-0012-020	PVC TUBE £p 4.5mm L=50mm		1	0.0075	E.V.Y
227	326-0025-020	INTERNAL TOOTH WASHER £pM2.6mm		2	0.0079	E.V.Y
228	326-0024-020	METAL NUT 2.6mm		1	0.0045	E.V.Y
229	326-0003-020	METAL NUT 3.0mm	TR B986S	1	0.0079	E.V.Y
230	323-0006-022	SOLDER LUG 3x38mm	CD DECK GNDx1,ROD ANTENNA x1	2	0.0079	E.V.Y
231	323-0003-022	COPPER WIRE 0.5 L=50mm (PCB MOUNT +VE WIRE)		50	0.0019	E.V.Y
232	105-0039-000	BUZZER -27mm (SILVER COLOUR) 6006		2	0.0508	E.V.Y
233	104-0092-000	SPEAKER PUSH TERMINAL 4 SECTION (R-B-B-R) 6006		1	0.3688	E.V.Y
234	105-0033-000	SPEAKER 4" 5.7 OHM 3-5W 3006F (BLACK-CAP)		2	0.8000	E.V.Y
235	441-0022-000	WOOD PIECE 20x140mm		2	0.0753	E.V.Y
236	324-0039-029	SPEAKR GRILLE D1.3mm DOUB.FLAT-BLACK (417-044)		2	1.4979	E.V.Y
237	441-0021-000	RUBBER FOOT (3M) £p9mmx3.2mm		12	0.0896	E.V.Y
238	442-0052-000	DOUBLE SIDE TAPE		8	0.0075	E.V.Y

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	PART NO.	DESCRIPTION	POSITION NUMBER	QTY	U PRICE	VERSION
239	442-0001-000	SPONGE: 10x10x10mm		2	0.0023	E.V.Y
240	321-0023-120	TAPE TITE SCREW M2x3mm	RECORDING SPRING PLATE/122	2	0.0070	E.V.Y
241	321-0006-317	MACHINE SCREW: M2.6x4 KM	PVC/121	2	0.0026	E.V.Y
242	321-0006-319	MACHINE SCREW: M2.6x4 PM	ROD ANTENNA/SOLDERING LUG/113	1	0.0026	E.V.Y
243	321-0045-318	MACHINE SCREW: M2.6x5 BM	PVCx1,MAIN PCB/METAL BKT/TAPE PCB/	6	0.0026	E.V.Y
244	321-0003-318	MACHINE SCREW: M3x8 BM	CD PCB/METAL BKTx2,TR 986Sx1/118	3	0.0324	E.V.Y
245	321-0003-317	MACHINE SCREW: M3x8 KM (BLACK)	FRONT/BACK CABINETx4/114	4	0.0324	E.V.Y
246	321-0062-220	TAPPING SCREW: T 3x8 PA	TUNING BKTx4,CD PCB/CD DECKx4/117	8	0.0327	E.V.Y
247	321-0003-218	: T3x8 BT	DOOR GEARx1,SWITCH BRACKETx4,MAI	16	0.0034	E.V.Y
248						
249						
250	321-0063-220	: T3x10 PA	AC SOCKETx2/111	2	0.0034	E.V.Y
251	321-0004-218	: T3x10 BT	ROD ANTENNA BKTx2,FRONT CAB/META	19	0.0045	E.V.Y
252						
253						
254	321-0004-288	: T3x10 BT (BLACK)	SPEAKER TERMINAL/BACK CABx2/116	2	0.0045	E.V.Y
255	321-0004-287	: T3x10 KT (BLACK)	BACK CAB/CD BKTx6/115	6	0.0045	E.V.Y
256	321-0004-224	: T3x10 PWT (8mm)	TRANSFORMERx2,SPEAKER CLIPx8/110	10	0.0045	E.V.Y
257	321-0009-218	: T3x16 BT (6mm)	SPEAKER FRONT CAB/BACK CABx8/119	8	0.0068	E.V.Y
258	582-0010-103	PACKING:417 POLYFOAM TOP-L/R, BOTTOM-L/R (KIT)		1	2.2582	E.V.Y
259	582-0009-003	:POLYFOAM -3/4"x4"x2-3/4"		1	0.0597	E.V.Y
260	581-0007-201	:GIFT.BOX=CARTON		1	3.2857	E.V.Y
261	584-0007-200	:INSTRUCTION SHEET		1	0.4705	E.V.Y
262	583-0009-107	:POLYBAG 18"x24" (PE) FOR MAIN UNIT		1	0.0753	E.V.Y
263	583-0008-107	:POLYBAG 14.5"x22" (PE) FOR SPEAKER BOX		2	0.0452	E.V.Y
264	583-0002-000	:POLYBAG 4"x8"		1	0.0075	E.V.Y
265	587-0002-010	:CD CAUTION LABEL (YELLOW)		1	0.0677	E.V.Y
266	587-0004-010	:LASER LABEL (YELLOW)		1	0.0677	E.V.Y
267	587-0003-010	:SERIAL NUMBER LABEL		2	0.0132	E.V.Y
268	587-0008-010	:CE LABEL		1	0.0113	E.V.Y
269	587-0006-010	:GIFT BOX LABEL		1	0.0113	E.V.Y
270	587-0009-010	:MADE IN CHINA LABEL		2	0.0263	E.V.Y
271	PJ-417CD-001	SPEAKER PANEL	41	2	4.4805	E.V.Y
272	PJ-417CD-002	SPEAKER BACK CABINET	46	2	6.5714	E.V.Y



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273	PJ-417CD-003	FRONT PANEL	15	1	2.3896	E.V.Y
274	PJ-417CD-004	BACK CABINET	96	1	5.3766	E.V.Y
275	PJ-417CD-005	TUNING BRACKET	16	1	0.0896	E.V.Y
276	PJ-417CD-006	BATTERY DOOR	99	1	0.0896	E.V.Y
277	PJ-417CD-007	POINTER	17	1	0.0896	E.V.Y
278	PJ-417CD-008	ROTARY KNOB/MIC MISING	3	1	0.0179	E.V.Y
279	PJ-417CD-009	VOLUME KNOB	4	1	0.0388	E.V.Y
280	PJ-417CD-010	BAND KNOB/FUNCTION KNOB	73	2	0.0448	E.V.Y
281	PJ-417CD-011	SUPER BASS KNOB	77	1	0.0239	E.V.Y
282	PJ-417CD-012	TUNING KNOB	18	1	0.0448	E.V.Y
283	PJ-417CD-013	CD CONTROL KNOB (A)	19	1	0.0478	E.V.Y
284	PJ-417CD-014	CD CONTROL KNOB (B)	20	1	0.0478	E.V.Y
285	PJ-417CD-015	CASSETTE KNOB "A"	31	1	0.0600	E.V.Y
286	PJ-417CD-016	CASSETTE KNOB "B"	32	4	0.0600	E.V.Y
287	PJ-417CD-017	CASSETTE KNOB "C"	33	1	0.0600	E.V.Y
288	PJ-417CD-018	CD DOOR COVER	51	1	0.1792	E.V.Y
289	PJ-417CD-019	DIAL LENS	6	1	0.1344	E.V.Y
290	PJ-417CD-020	SPEAKER BACK COVER	47	2	0.1792	E.V.Y
291	PJ-417CD-021	CASS DOOR BRACKET	7	2	0.3584	E.V.Y
292	PJ-417CD-022	CASS DOOR	2	1	0.1942	E.V.Y
293	PJ-417CD-023	CD BRACKET + STOPPER -JACK	52,30	1	0.2240	E.V.Y
294	PJ-417CD-024	DIAL DRUM	88	1	0.1494	E.V.Y
295	PJ-417CD-025	BAND KNOB BRACKET	75	1	0.0538	E.V.Y
296	PJ-417CD-026	FUNCTION KNOB BRACKET	70	1	0.0538	E.V.Y
297	PJ-417CD-027	BAND KNOB ADAPTOR	74	1	0.0418	E.V.Y
298	PJ-417CD-028	FUNCTION KNOB ADAPTOR	72	1	0.0418	E.V.Y
299	PJ-417CD-029	ANT MOUNTING BRACKET	93	1	0.0448	E.V.Y
300	PJ-417CD-030	LCD BRACKET	60	1	0.0448	E.V.Y
301	PJ-417CD-031	AKAI LOGO BADGE	40	2	0.0777	E.V.Y
302	PJ-417CD-032	BAR HOLDER	84	2	0.0896	E.V.Y
303	PJ-417CD-033	ROTARY KNOB (BASS/TREBLE)	5	2	0.1000	E.V.Y
304	PJ-417CD-034	PINION	12	1	0.0800	E.V.Y
305	PJ-417CD-035	HOUSING - PINION	13	1	0.0700	E.V.Y
306	PJ-417CD-036	CD P.C.B. MOUNTING (A)	49	2	0.2000	E.V.Y

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307	PJ-417CD-037	CD ARRIVE HOLDER	53	1	0.1000	E.V.Y
308	PJ-417CD-038	LED HOLDER - OPE/BATT	56	1	0.0800	E.V.Y
309	PJ-417CD-039	LED HOLDER - FM STEREO	61	1	0.0800	E.V.Y
310	PJ-417CD-040RC	<b>REMOTE HAND SET (COMPLETE ASS'Y)</b>		1	6.0000	E.V.Y
311	PJ-417CD-041RC	FRONT CABINET FOR REMOTE CONTROL		1	0.6000	E.V.Y
312	PJ-417CD-042RC	BACK CABINET FOR REMOTE CONTROL		1	0.8000	E.V.Y
313	PJ-417CD-043RC	BATTERY DOOR FOR REMOTE CONTROL		1	0.3000	E.V.Y
314	PJ-417CD-044RC	KEY RUBBER FOR REMOTE CONTROL 1 ROW		1	0.6000	E.V.Y
315	PJ-417CD-045RC	PCB W/CARBON CONTACT FOR REMOTE CONTROL		1	0.2000	E.V.Y
316	PJ-417CD-046RC	RESONATOR 455E		1	0.3000	E.V.Y
317	PJ-417CD-047RC	I.C. NEC 6121G-002		1	1.0000	E.V.Y
318	PJ-417CD-048RC	TR 8050C		1	0.0828	E.V.Y
319	PJ-417CD-049RC	INFRARED DIODE 5MM		1	0.4000	E.V.Y
320	PJ-417CD-050RC	E.CAP 47uF 10V		1	0.0271	E.V.Y
321	PJ-417CD-051RC	BATTERY CONTACT + FOR REMOTE HAND SETS		1	0.0670	E.V.Y
322	PJ-417CD-052RC	BATTERY CONTACT - FOR REMOTE HAND SETS		1	0.0600	E.V.Y
323	PJ-417CD-053RC	BATTERY CONTACT +- FOR REMOTE HAND SETS		1	0.9000	E.V.Y
324	PJ-417CD-054RC	INLAY FOR REMOTE HAND SETS		1	0.4000	E.V.Y
		<b>MAIN UNIT FOR REMOTE CONTROL</b>				E.V.Y
325	PJ-417CD-055RC	SENSOR SBX9035 (TYPE L)		1	0.9000	E.V.Y
326	PJ-417CD-056RC	DIODE 1N4148		12	0.0118	E.V.Y
327	PJ-417CD-057RC	PLASTIC SENSOR BRACKET		1	0.0800	E.V.Y
328	PJ-417CD-058RC	3 PINS HOUSING W/PVC WIRE L=150MM		1	0.1200	E.V.Y
329	PJ-417CD-059RC	4 PINS HOUSING W/PVC WIRE L=150MM		1	0.1500	E.V.Y